

# METEOROLOGICAL DATA CATALOG

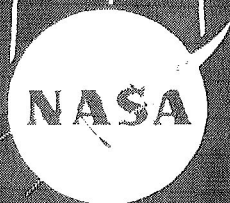
for the

APPLICATIONS  
TECHNOLOGY  
SATELLITES

VOLUME IV

ATS I  
DATA CATALOG

ATS III  
DATA CATALOG



GODDARD SPACE FLIGHT CENTER  
GREENBELT, MARYLAND



THE APPLICATIONS TECHNOLOGY SATELLITES  
METEOROLOGICAL DATA CATALOG  
VOLUME IV  
1 January through 31 July 1969

Prepared by  
Allied Research Associates, Inc.  
Concord, Massachusetts

December 1969

ATS PROJECT  
GODDARD SPACE FLIGHT CENTER  
GREENBELT, MARYLAND







## FOREWORD

This is the fourth in a series of catalogs published by the National Aeronautics and Space Administration to document meteorological data acquired from the Applications Technology Satellites. Part I of the catalog documents data from ATS-I, stationed near 150 degrees West longitude; Part II presents data from ATS-III, stationed during the catalog period at a number of positions between 46 degrees West and 73 degrees West longitude. Each of the two parts contains four sections. Section 1, in each case, comments on satellite operation, data acquisition, documentation and archiving. Section 2, Orbital Data, lists the orbital elements. Section 3, The Meteorological Data Catalog, tabulates the meteorological data and comments on photographic quality. Examples of the photographs are shown opposite the daily listings. Section 4, The Tape Listing, lists analog and/or digital tapes which are on file. Data on ATS-I are for the period 1 January through 31 March 1969 only as responsibility for these data passed to the Environmental Science Services Administration (ESSA) on 1 April 1969.

This catalog was prepared by the Geophysics and Aerospace Division of Allied Research Associates, Inc., Concord, Massachusetts, under contract NAS 5-10343 with the Goddard Space Flight Center, NASA, Greenbelt, Maryland. The Allied Research Associates, Inc. technical effort was conducted primarily by Messrs. Daniel A. Ball, Walter Ahlin, Vincent Mazza, William V. Abbott, III and Hans J. Ackermann. Mr. John Lindstrom is the NASA Data Utilization Manager for the ATS Project meteorological experiments.

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ATS A-E Project Manager  
Goddard Space Flight Center







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PART I

THE ATS-I METEOROLOGICAL  
DATA CATALOG

1 January 1969  
through  
31 March 1969





## SECTION 1

### INTRODUCTION

ATS-I completed 846 days in space on 31 March 1969 and its Spin Scan Cloud Camera (SSCC) continued to perform without noticeable anomalies. Of 294 Spin Scan Cloud Camera pictures taken during the three month period of the catalog, only two were not of archival quality.

SSCC meteorological data were not recorded by the ATS Ground Station on the following dates, due primarily to spacecraft scheduling complexities:

January 1-7, 9-31

February 1-5, 7-11, 13-23

March 13-18, 20-25, 27-31

As previously mentioned, data acquisition and handling responsibilities for ATS-I passed to ESSA on 1 April 1969.

Spacecraft maneuvers performed between 1 January and 31 March are listed in Table 1-1.

Table 1-1  
Spacecraft Maneuvers

<u>Date</u>	<u>Time (Z)</u>	<u>Purpose</u>
7 February 1969	0800-1100	E-W station keeping
19-21 March 1969	1802, 19 March- 1900, 21 March	E-W station keeping

Care must be exercised in the selection of geographic grids for use with photographs taken during periods of maneuvers. Reels of photographic analog data include grids applicable to all positions (at 1 degree intervals of longitude) during the period of the data contained on the reels. For individual photographs, a grid must be selected through reference to the listed Sub-satellite Point.

Production of digital 4x enlargements for specific areas continues. Date, picture and sequence numbers, and areas enlarged are listed in Table 1-2.

Alphabetical designations are from A to Z with letters I and O omitted. Identical letter designations within a sequence may not ensure identical geographical coverage between individual enlargements since the area scanned is chosen arbitrarily to best display a particular weather phenomenon. The methods used to select the 16 sectors that make a full disc are discussed on pages I-7 through I-20 of Volume III in this catalog series.

Section 3 lists the daily data and displays a "picture of the day" for each day that photographs were taken. Where digitized enlargements were made, the selected areas are shown in the daily picture.

The Sensory Catalog ATS (SCATS) program, described in Section 7 and Appendix A, Volume I, Meteorological Data Catalog for the Applications Technology Satellites, was modified beginning 1 January 1969 to eliminate the coded data classification entries under the daily data listing "Remarks" section. Plain language descriptors are now used. The information retrieval service described in Section 7, Volume I cannot be provided for any ATS data.

Manual grid matching continues. Gridding accuracies remain better than 1 degree of great circle arc at the Sub-satellite Point and 3 degrees of great circle arc near the earth horizon.

Table 1-2  
ATS-I SSCC Digitally Enlarged Photographic Data

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
27 January 1969	1-20 4-20 7-20	A-E G F
28 January 1969	1, 2	A-G
29 January 1969	1	D-G
30 January 1969	1	D-G
31 January 1969	1-5	D-G
1 February 1969	1-7	D-G
2 February 1969	1-7	D-G
3 February 1969	1, 2	D-G

Table 1-2 (Continued)

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
4 February 1969	1	E-G
	2-8	D-G
9 March 1969	4	A-R
	1-10	S-V
10 March 1969	1,2	S
	1-9	T-V
	3-9	A
11 March 1969	2-5	A
	2	C
	3-5	D
	6	B, E
12 March 1969	1-12	A, B

ATS-I meteorological data have also been reproduced in motion picture format by the University of Wisconsin (Table 1-3). These films portray motions of jet streams, frontal zones, trade wind areas, and thunderstorm activity. The films are available at a nominal cost from:

The University of Wisconsin  
 Space Science and Engineering Center  
 Photo Lab  
 1225 West Dayton Street  
 Madison, Wisconsin 53706



Table 1-3  
ATS-I 16 mm Films Available Through University of Wisconsin

FILM LOOPS

Complete Days (CD)

CD-1	January	7-18, 1967 (U); 36 pictures, 23 minute intervals....	\$3.00
CD-2	February	18-19, 1967 (U); 45 pictures, 23 minute intervals....	\$3.00
CD-3	February	19-20, 1967 (U); 43 pictures, 23 minute intervals....	\$3.00
CD-3.1	April	13-14, 1967 (U); 37 pictures, 23 minute intervals....	\$4.00
CD-3.2	April	14-15, 1967 (U); 45 pictures, 23 minute intervals....	\$4.00
CD-3.3	April	15-16, 1967 (U); 27 pictures, 23 minute intervals....	\$4.00
CD-4	April	16-17, 1967 (U); 45 pictures, 23 minute intervals....	\$3.00
CD-4.1	April	17-18, 1967 (U); 40 pictures, 23 minute intervals....	\$4.00
CD-5	April	18-19, 1967 (U); 41 pictures, 23 minute intervals....	\$4.00
CD-6	April	19-20, 1967 (U); 41 pictures, 23 minute intervals....	\$4.00
CD-7	April	20-21, 1967 (U); 45 pictures, 23 minute intervals....	\$4.00
CD-8	April	21-22, 1967 (U); 43 pictures, 23 minute intervals....	\$4.00
CD-9	April	22-23, 1967 (U); 43 pictures, 23 minute intervals....	\$4.00
CD-10	April	23-24, 1967 (U); 36 pictures, 23 minute intervals....	\$4.00
CD-16	June	21-22, 1967 (U); 39 pictures, 23 minute intervals....	\$4.00
CD-17	July	15-16, 1967 (U); 41 pictures, 23 minute intervals....	\$4.00
CD-21	September	16-17, 1967 (U); 41 pictures, 23 minute intervals....	\$4.00
CD-22	September	17-18, 1967 (U); 40 pictures, 23 minute intervals....	\$4.00

Two Complete Days (2CD)

2CD-1	February	18-20, 1967 (U); 97 pictures, 23 minute intervals....	\$3.00
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Daily Series (DS)

DS-2	January 21 - February 28, 1967 (U); 35 pictures at approximately local noon (2200 U) .....		\$4.00
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Close Up (CU)

CU-1	February	19-20, 1967 (U); Cloud Waves in a Polar Jet .....	\$3.00
CU-3	June	21-22, 1967 (U); Easterly Waves South East Pacific..	\$4.00

Special Time Series (STS)

STS-			
CU-2	April	6-15, 1967 (U); Birth and Death of a Hurricane .....	\$3.00

# Table 1-3 (Continued)

## SHORT MOVIES

12CD-1 Twelve Complete days April 13-24, 1967 (U); 425 pictures, 23 minute intervals, 50 ft. ....	\$15.00
12CD-1 W/CU Twelve Complete days April 13-24, 1967 (U); with close up of cyclone April 13-20, 100 ft. ....	\$15.00
DS-1967 Complete Year 1967 (U); 300 pictures at approximately local noon (2200U) 5 frames per day repeated three times, 100 ft. ....	\$15.00
STS-6 Complete Year 1967 (U); One picture per week at approximately local noon (2200U) 5 frames per day repeated three times, 50 ft. ....	\$15.00
STS-5 W/CU Typhoon Sarah (Life History) August 31 - September 22, 1967 (U); 100 ft. ....	\$15.00

## MOVIES

(Approximately 400 feet in length)

"Weather in Motion" - consists of the following films: CD-1, CD-3, CD-4, DS-2, STS-CU-2, CU-1; repeated up to 15 times each ...	\$50.00
"Mesoscale Cloud Motions from ATS Synchronous Satellites" consists of the following complete days and selected close up: CD-3, CU-1, CD-16, CU-3, 12CD-1 W/CU, parts of ATS-3 Color Movie (B & W Copy) .....	\$50.00

The archived ATS-I Spin Scan Cloud Camera photographic data, as listed in Table 1-4, are available from the National Weather Records Center, ESSA, Federal Building, Asheville, North Carolina 28801, in accordance with the following price schedule:

### Fixed Fee Schedule

- Duplicate film copy, ATS satellite photography, 125-foot reel, 5 inches wide, positive or negative, including appropriate grid:
 

(a) Silver	Per reel	\$34.00
(b) Diazo	Per reel	14.50
- Paper copy, ATS satellite photography, from 125-foot reel, 5 inches wide:
 

(a) Contact print, 125-foot reel	Per reel	\$21.00
(b) Contact print, single frame	Per frame	0.50
(c) Enlargement, 8" x 10"	Per frame	1.00

Table 1-4  
ATS-I Archival Film Reel Listing

Reel No.	1	1 January through 20 January 1967
	2	21 January through 17 February 1967
	3	18 February through 11 March 1967
	4	12 March through 4 April 1967
	5	5 April through 17 April 1967
	6	18 April through 22 April 1967
	7	23 April through 30 April 1967
	8	1 May through 31 May 1967
	9	1 June through 30 June 1967
	10	1 July through 4 August 1967
	11	5 August through 10 September 1967
	12	11 September through 6 October 1967
	13	7 October through 18 November 1967
	14	19 November through 30 December 1967
	15	1 January through 28 February 1968
	16	29 February through 19 April 1968
	17	20 April through 9 June 1968
	18	10 June through 7 August 1968
	19	8 August through 22 October 1968
	20	23 October through 31 December 1968
	21	3 January through 12 March 1969
	22	18 March through 31 March 1969
Digital Display Reel No. (Sectional 4x Enlarge- ments only)	1	17 June through 23 August 1968
	2	24 August through picture 4M, 14 October 1968
	3	Picture 6A, 14 October through 18 October 1968
	4	19 October through 29 October 1968
	5	22 January through 3 February 1969
	6	4 February through 12 March 1969

## SECTION 2

### THE ATS-I ORBITAL DATA

This section contains a listing of the orbital elements. These data may be used to compute the ephemeris.



[illegible]

[illegible]



SECTION 3  
THE ATS-I SSCC METEOROLOGICAL  
DATA CATALOG

1 January 1969  
through  
31 March 1969

3 Jan 69

SSP 150.12 W 0.42 S

Seq	Start Time	Remarks
1	03 08 30	



ATS-I 3 JAN 69 03 08 30 Z SEQ 1



6 Jan 69

SSP 150.17 W 0.47 S

Seq

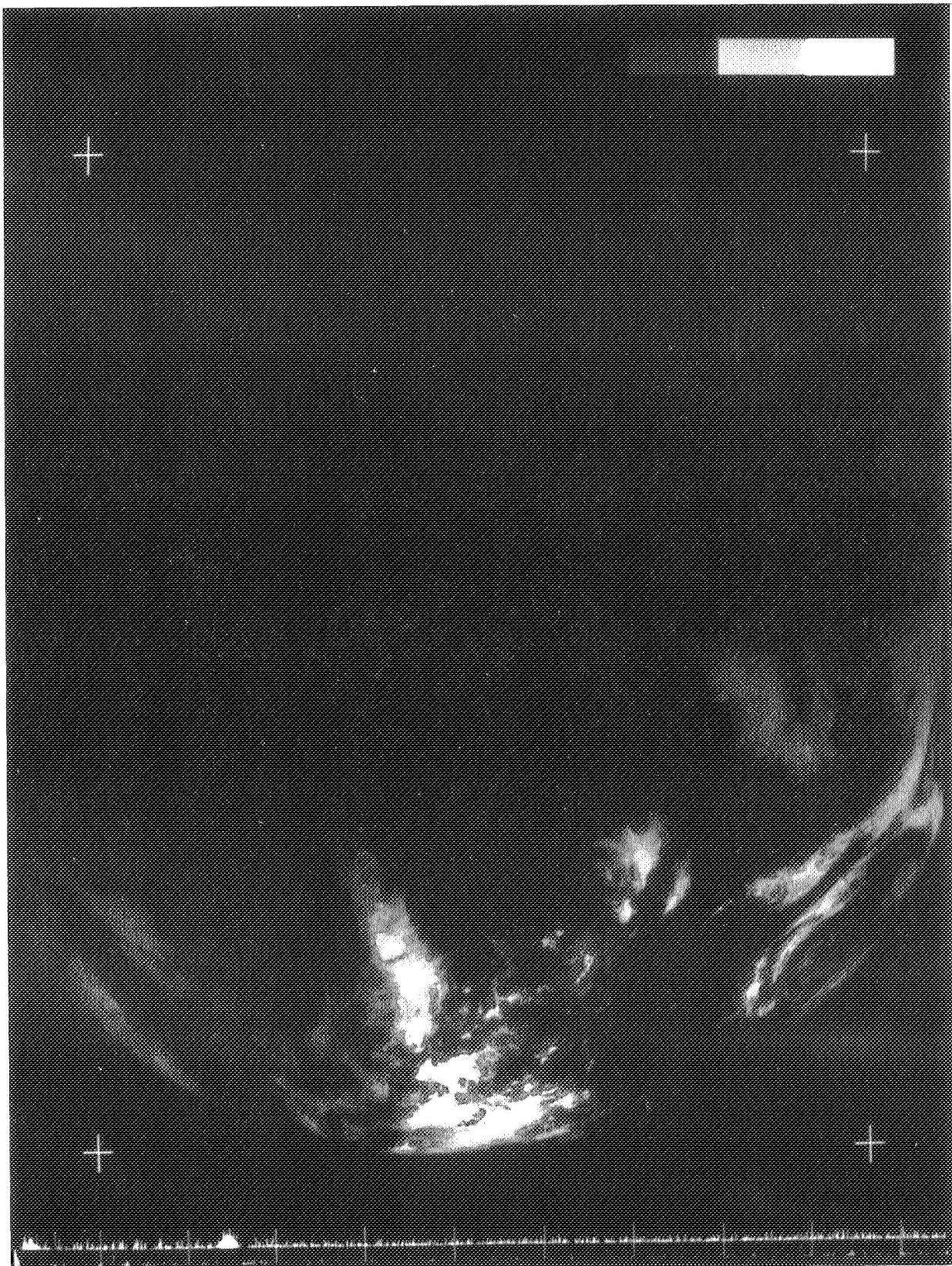
Start Time

Remarks

1

03 21 51

Phasing Error Electronic Interference



ATS-I 6 JAN 69 03 21 51 Z SEQ 1

7 Jan 69

SSP 150.19 W 0.49 S

Seq	Start Time	Remarks
1	02 52 51	



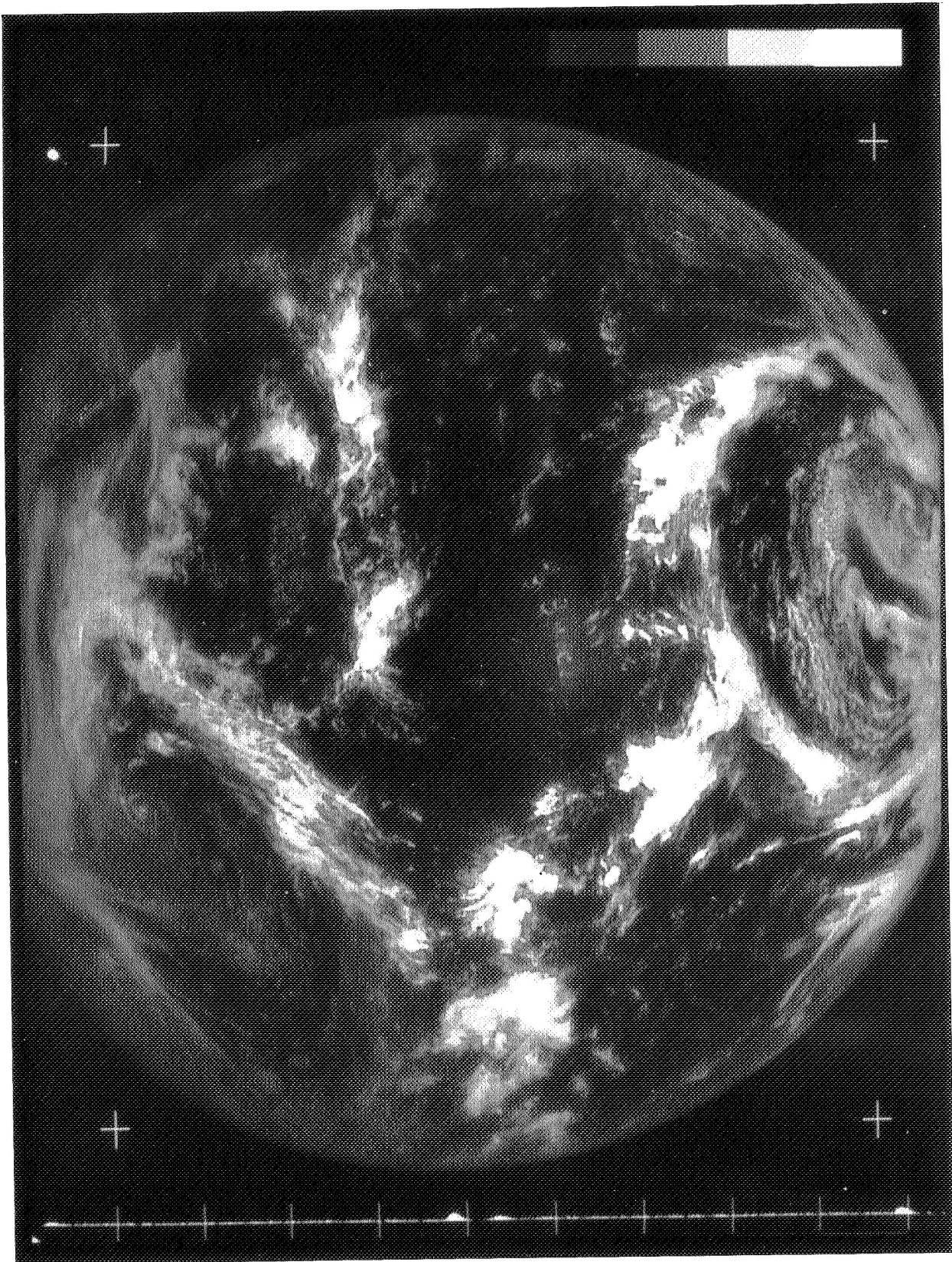
ATS-1 7 JAN 69 02 52 51 Z SEQ 1

8 Jan 69

SSP 150.20 W 0.51 S

Seq	Start Time			Remarks
1	20	30	32	
2	20	54	14	
3	21	17	54	
4	21	41	35	
5	22	05	17	
6	22	28	59	
7	22	52	39	



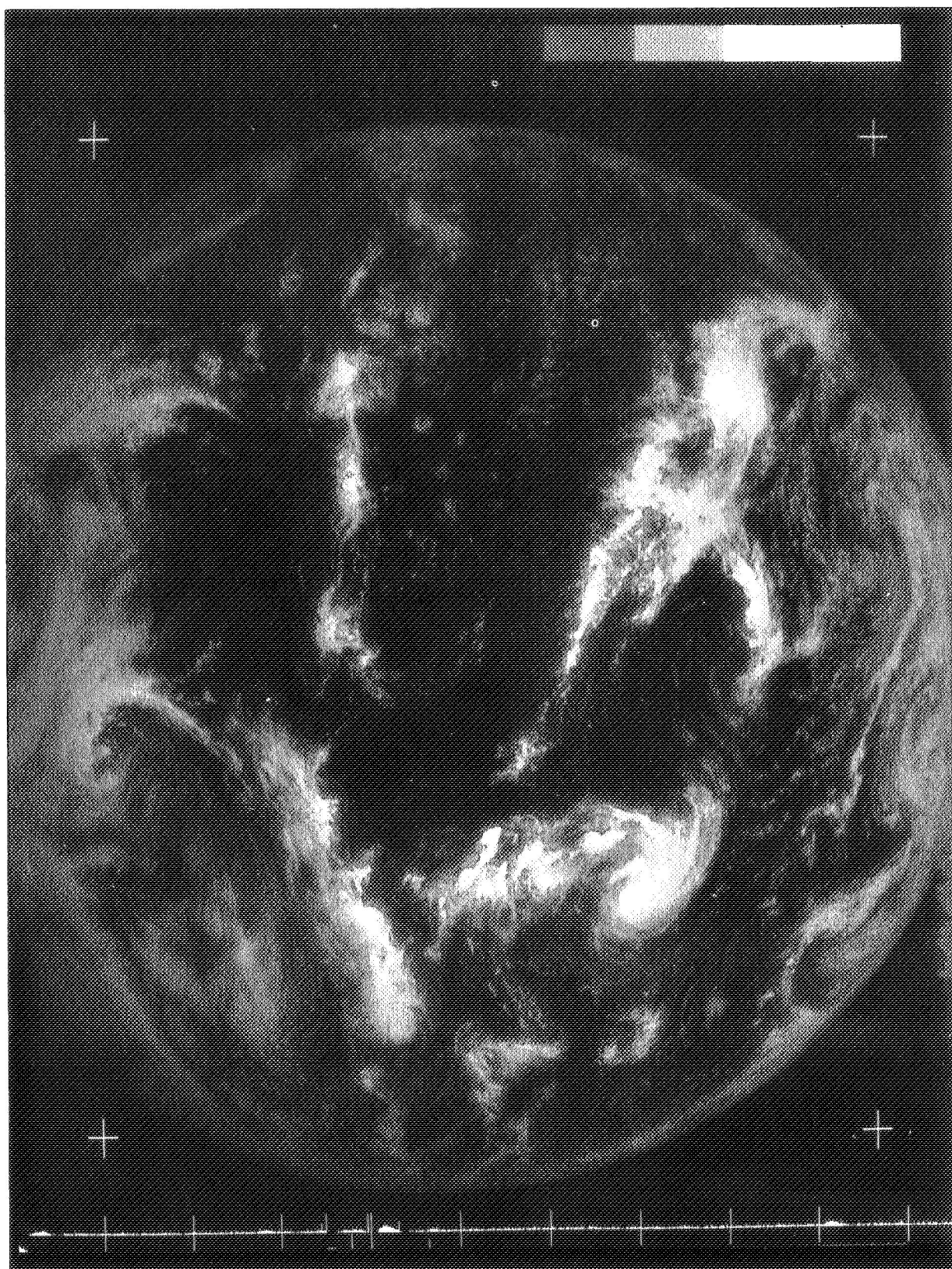


ATS-1 8 JAN 69 22 05 17 Z SEQ 5

13 Jan 69

SSP 150.24W 0.61 S

Seq	Start Time			Remarks
1	20	40	03	Electronic Interference
2	21	33	43	Electronic Interference
3	21	57	25	Electronic Interference
4	22	21	06	Electronic Interference
5	22	44	50	Electronic Interference
6	23	08	31	Electronic Interference
7	23	32	14	Electronic Interference



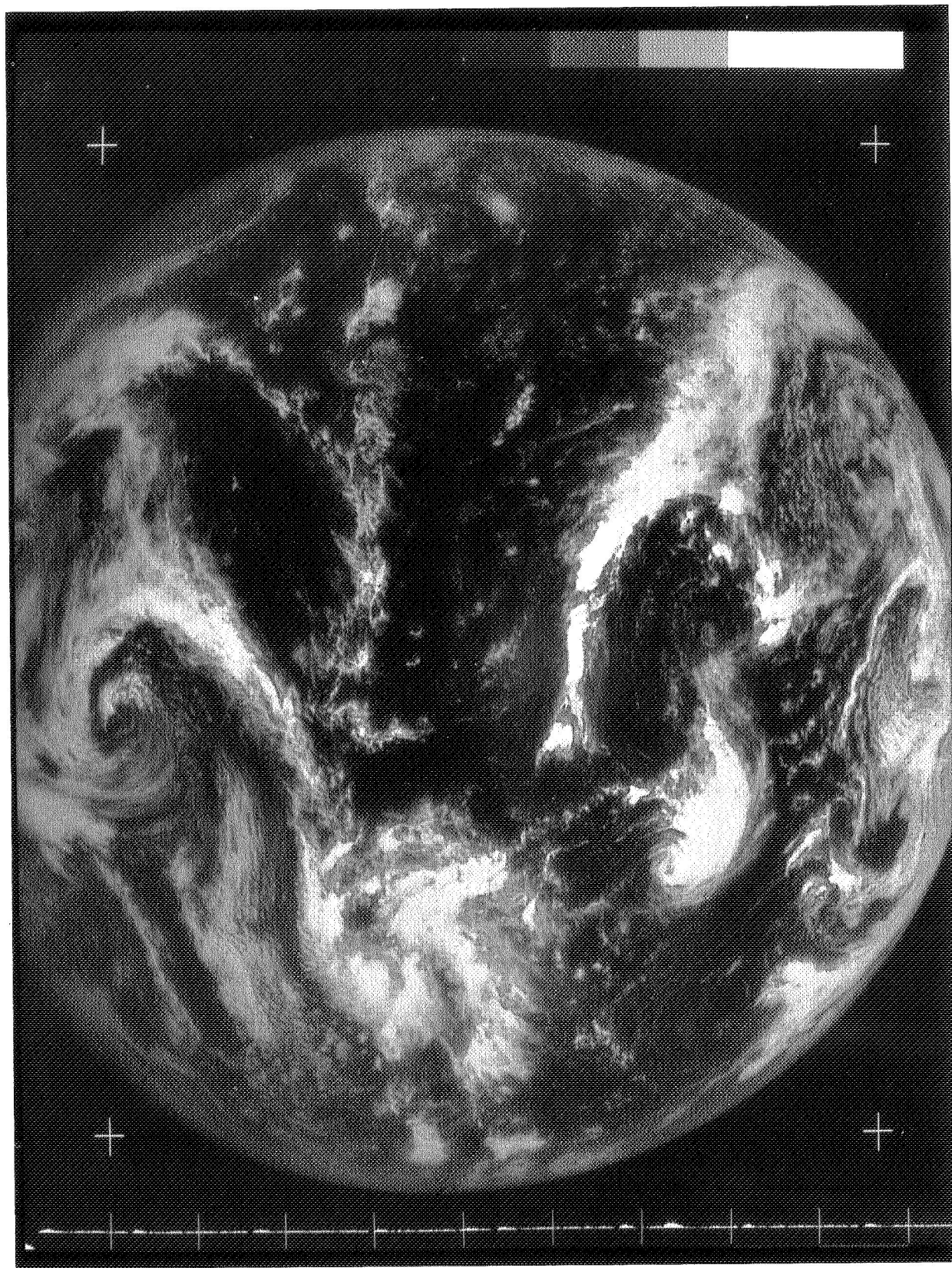
ATS-1 13 JAN 69 21 57 25 Z SEQ 3



14 Jan 69

SSP 150.24W 0.63 S

Seq	Start Time			Remarks
1	20	34	49	Electronic Interference
2	20	58	35	Electronic Interference
3	21	22	15	Electronic Interference
4	21	45	55	Electronic Interference
5	22	09	37	
6	22	33	16	Electronic Interference
7	22	57	00	

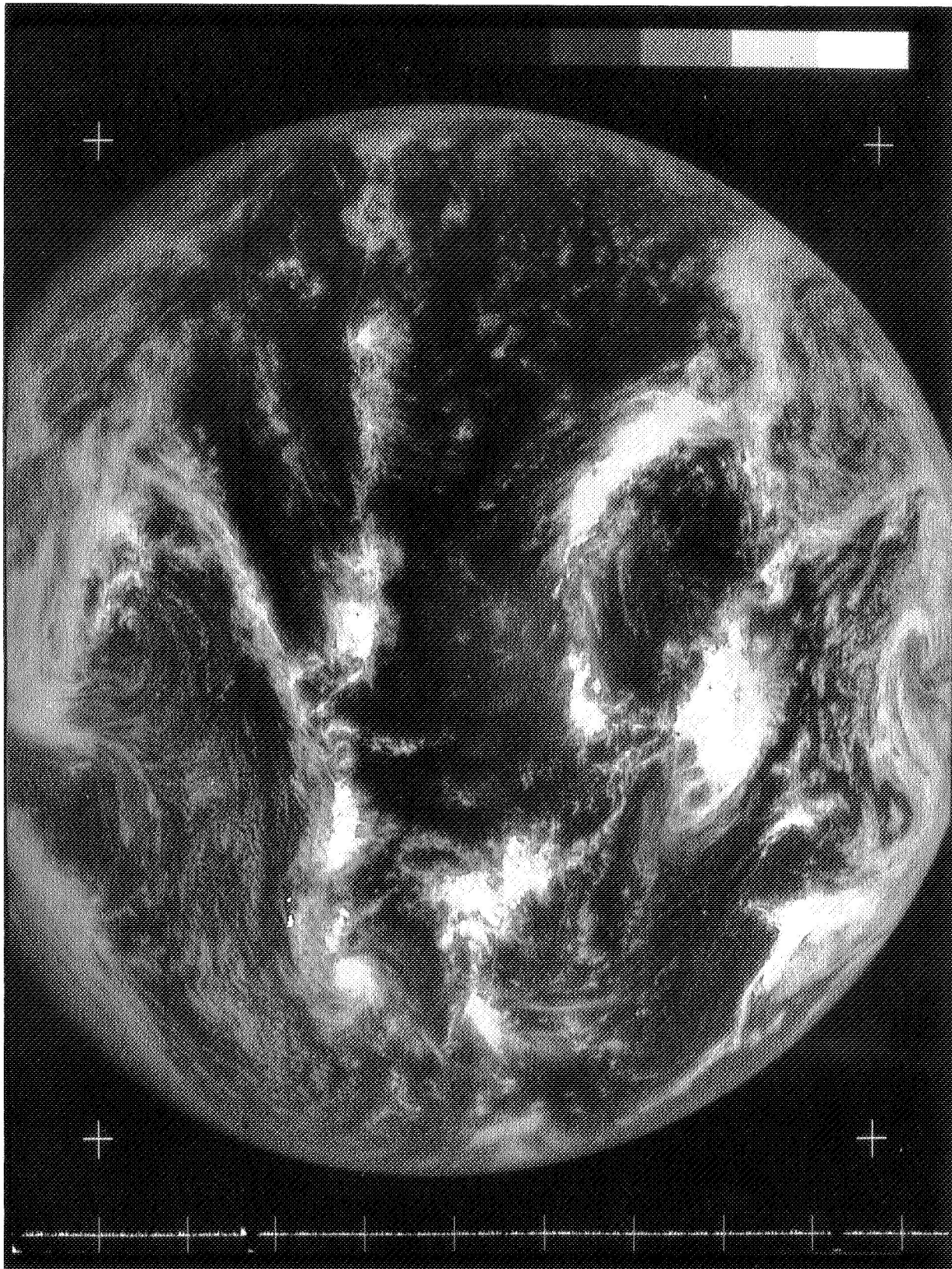


ATS-I 14 JAN 69 22 09 37 Z SEQ 5

15 Jan 69

SSP 150.23 W 0.65 S

Seq	Start Time			Remarks
1	20	27	57	Electronic Interference
2	20	51	40	Electronic Interference
3	21	15	24	Electronic Interference
4	21	39	04	Electronic Interference
5	22	02	46	Electronic Interference
6	22	26	56	
7	22	50	00	



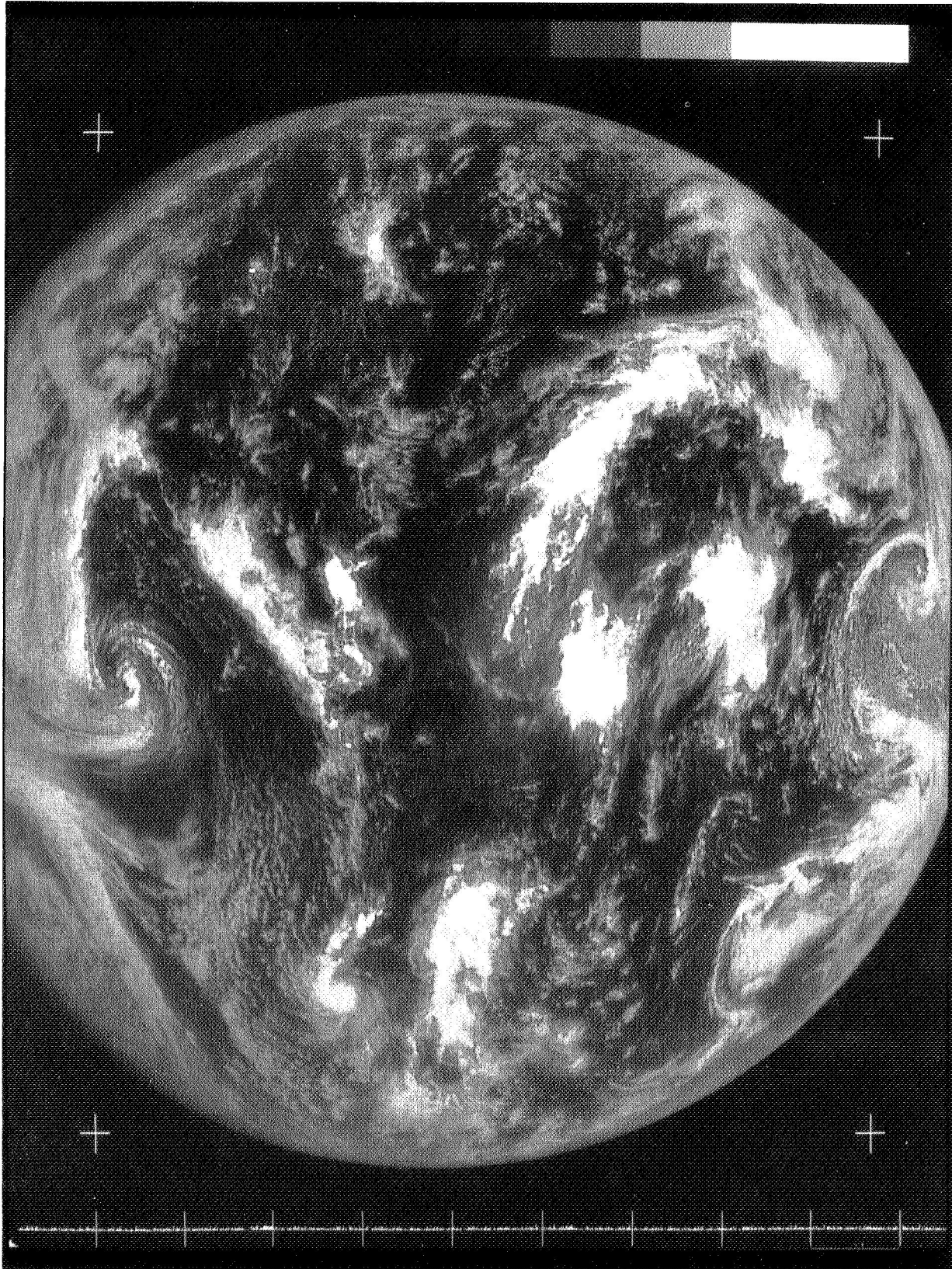
ATS-I 15 JAN 69 22 02 46 Z SEQ 5

16 Jan 69

SSP 150.23 W 0.67 S

Seq	Start	Time	Remarks
1	20	49 48	
2	21	13 28	
3	21	37 13	
4	22	00 52	
5	22	25 30	
6	22	48 18	
7	23	12 00	





ATS-I 16 JAN 69 22 00 52 Z SEQ 4

20 Jan 69

SSP 150.21 W 0.75 S

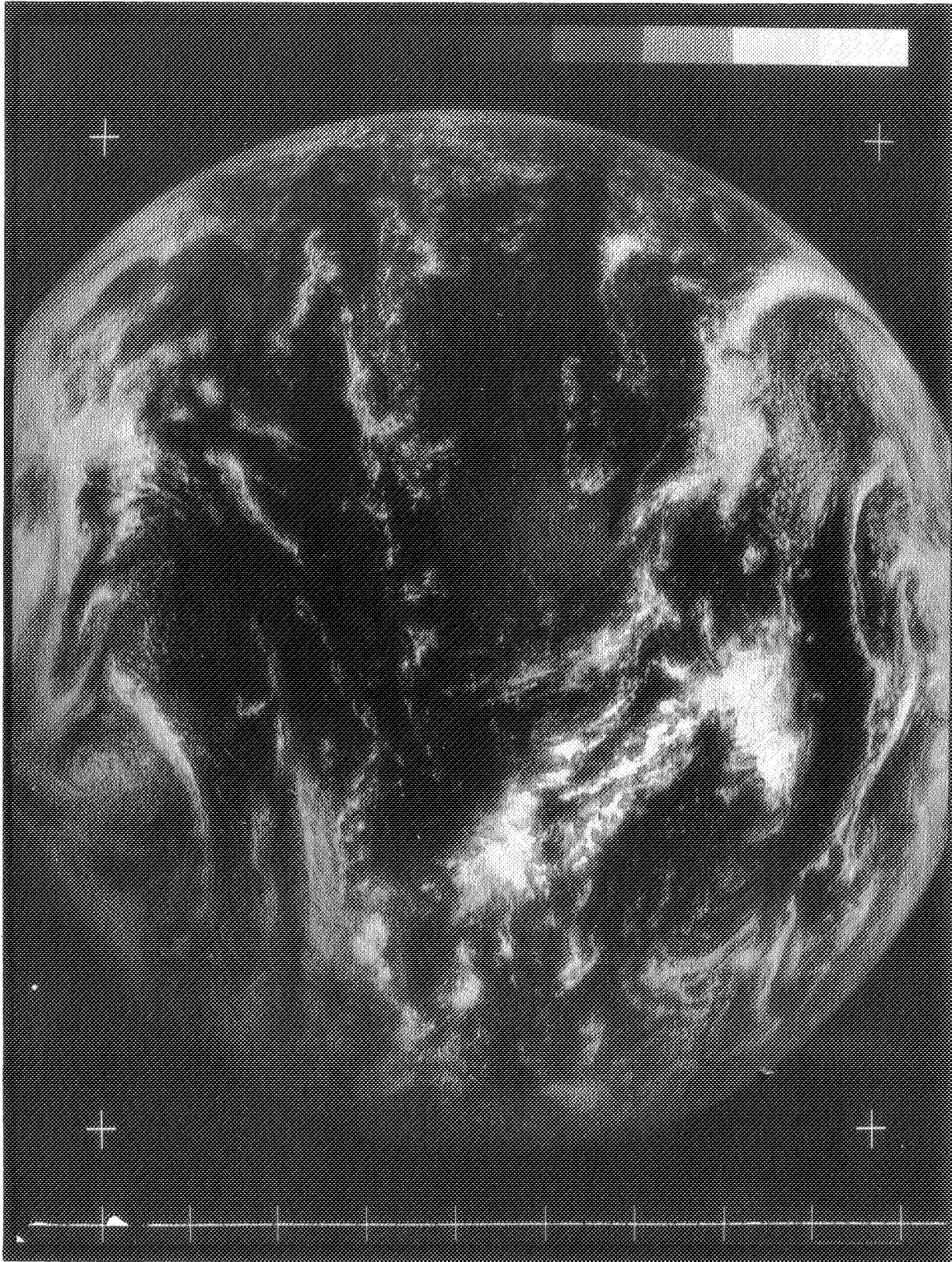
Seq

Start Time

Remarks

1

20 35 04



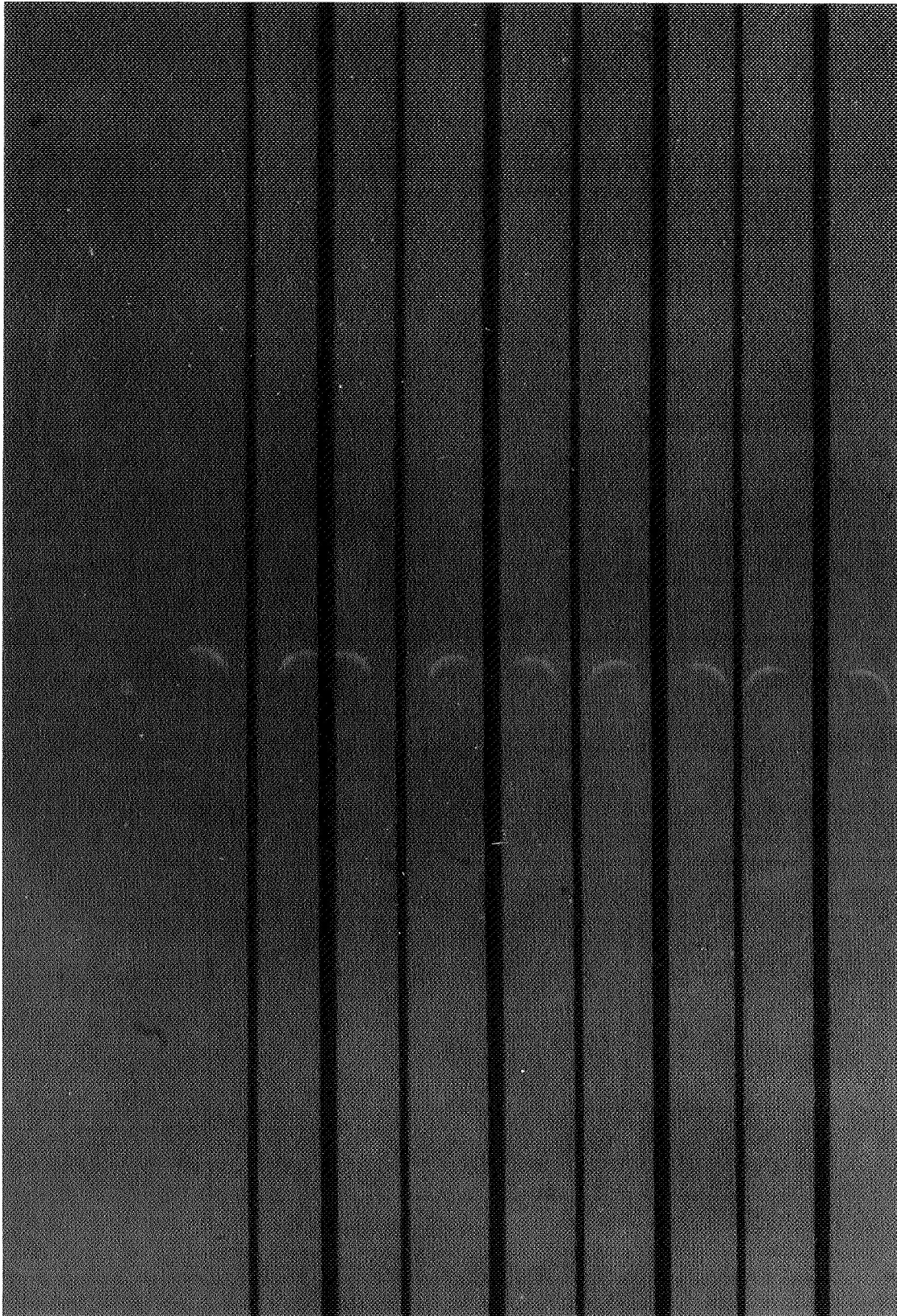
ATS-I 20 JAN 69 20 35 04 Z SEQ 1



22 Jan 69

SSP 150.19 W 0.78 S

Seq	Start	Time	Remarks
1	12	40 06	Nine Moon Pictures
2	13	00 00	Five Moon Pictures
3	20	29 54	Electronic Interference

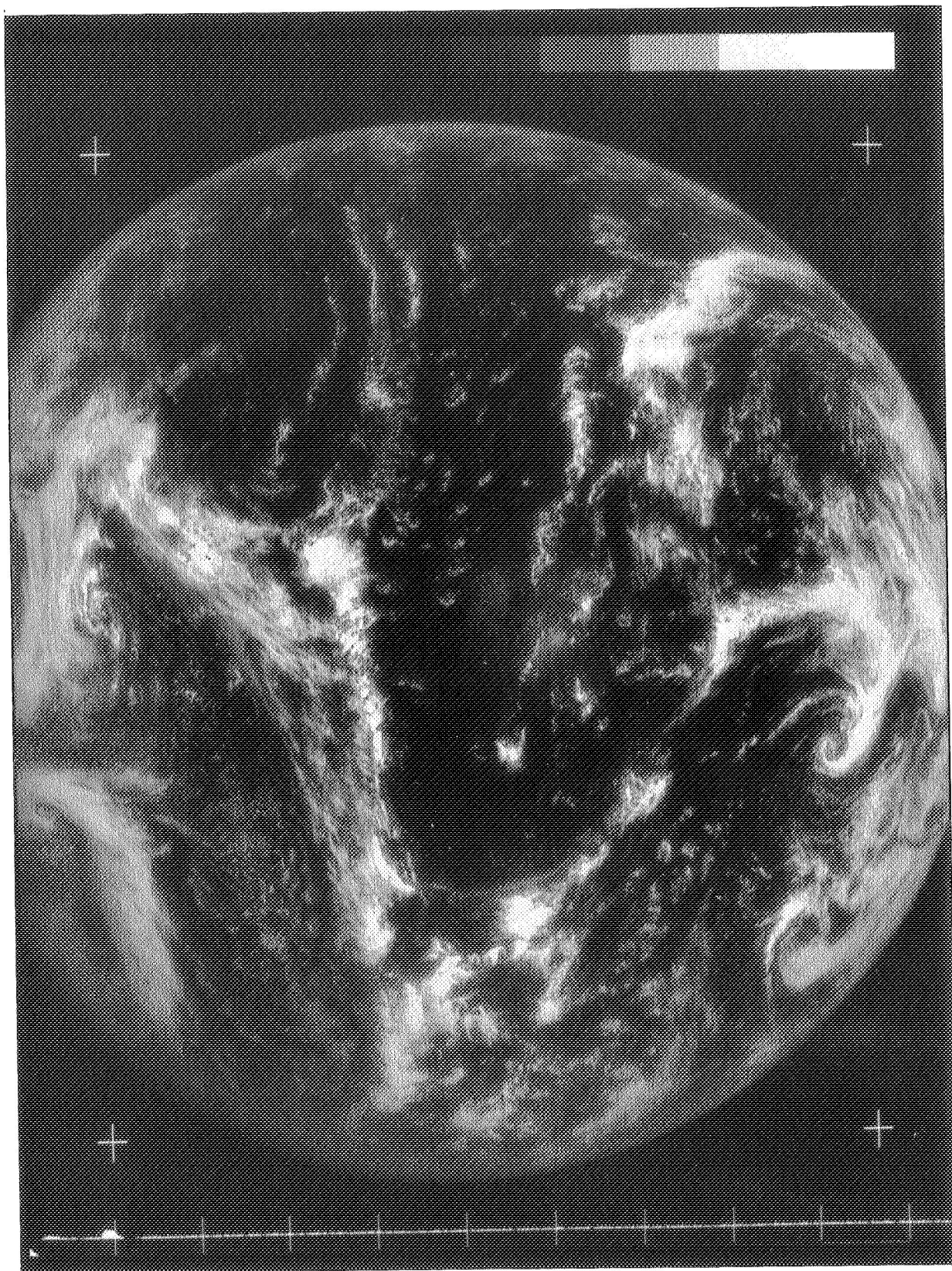


ATS-I 22 JAN 69 12 40 06 Z SEQ 1

23 Jan 69                      SSP 150.17W 0.80 S

Seq	Start	Time	Remarks
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1	21	31 23	
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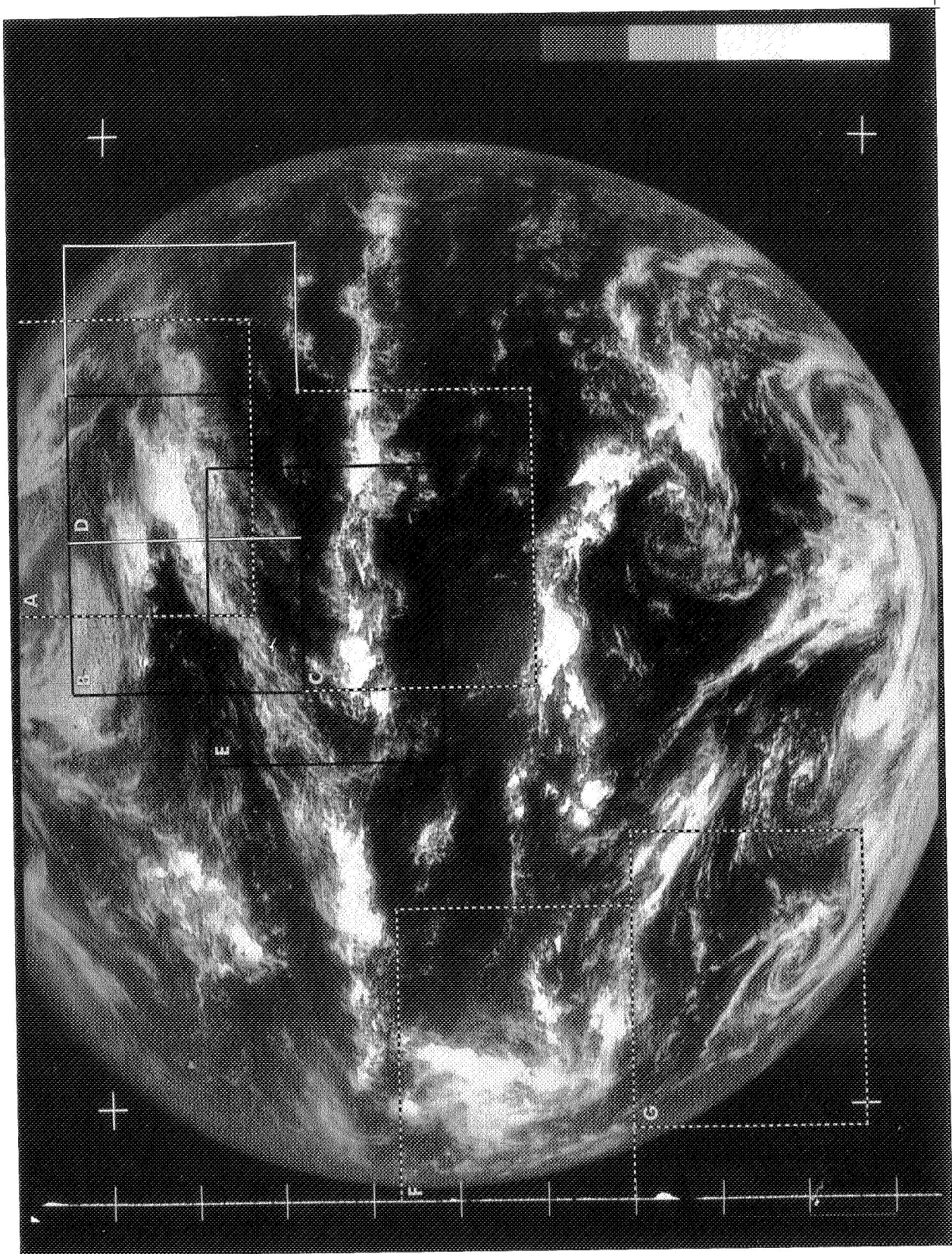
ATS-I 23 JAN 69 21 31 23 Z SEQ 1

27 Jan 69

SSP 150.12W 0.88 S

Seq	Start Time			Remarks
1	16	00	56	
2	16	24	40	
3	16	48	20	
4	17	15	00	Electronic Interference
5	17	39	03	
6	18	05	30	
7	18	29	17	
8	18	53	00	
9	19	16	40	
10	19	40	23	
11	20	05	59	
12	20	29	40	
13	20	53	23	
14	21	17	03	
15	21	40	45	
16	22	04	28	
17	22	44	30	
18	23	08	10	
19	23	31	50	
20	23	55	30	



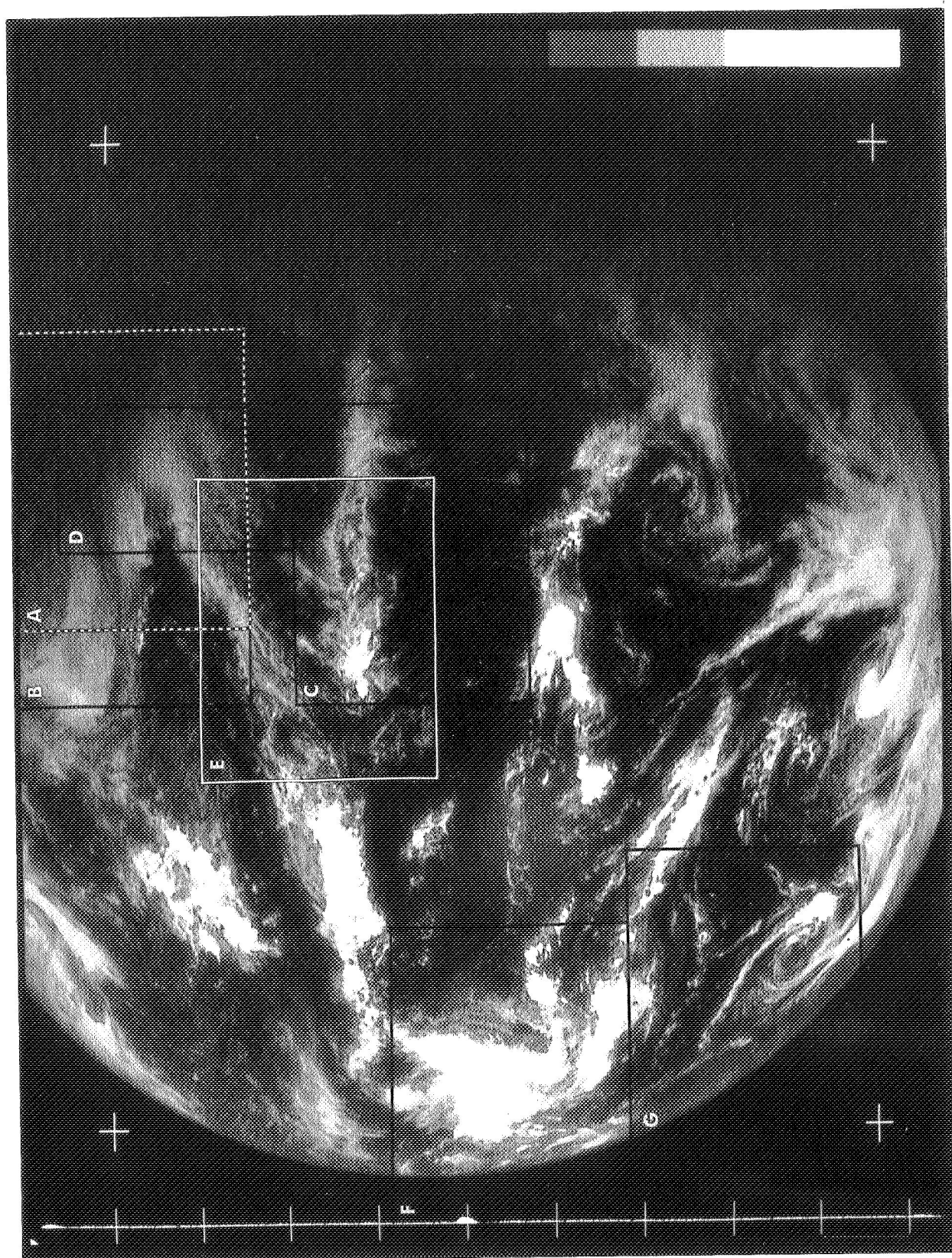


ATS-1 27 JAN 69 22 04 28 Z SEQ 16

28 Jan 69

SSP 150.09 W 0.90 S

Seq	Start Time	Remarks
1	00 19 17	
2	00 43 00	



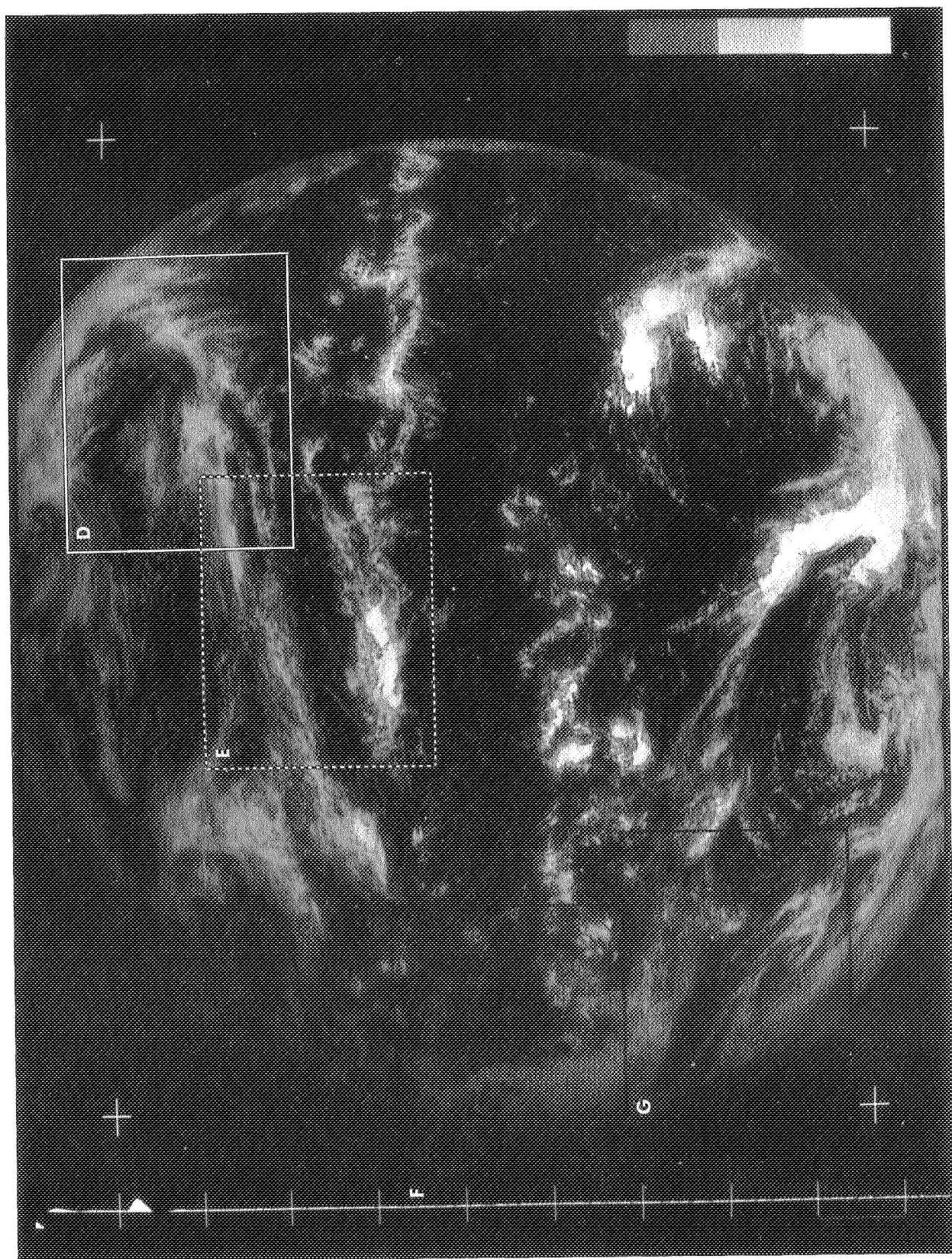
ATS-I 28 JAN 69 00 43 00 Z SEQ 2



29 Jan 69

SSP 150.07 W 0.91 S

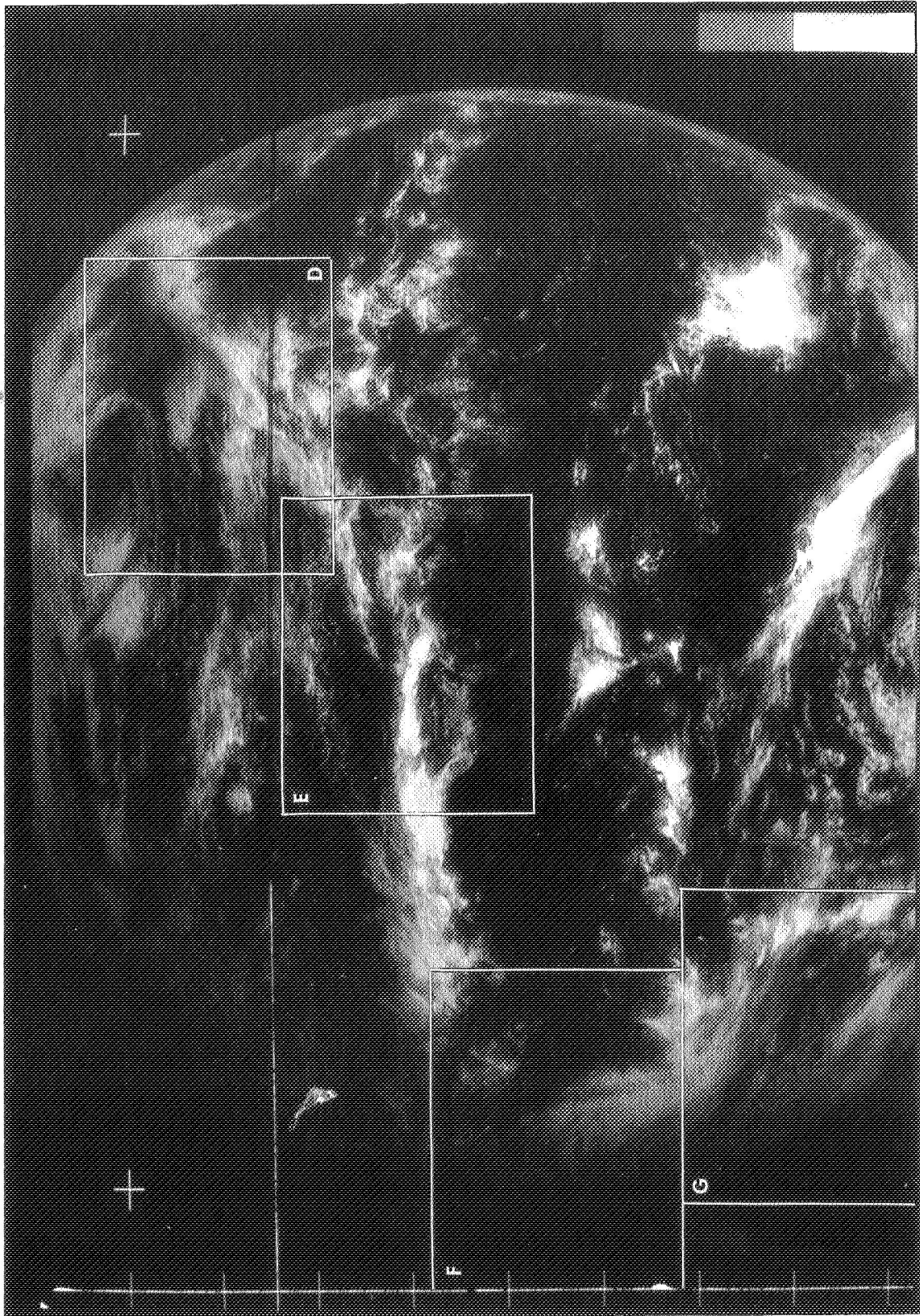
Seq	Start Time	Remarks
1	20 14 50	



ATS-1 29 JAN 69 20 14 50 Z SEQ 1

30 Jan 69                      SSP 150.04 W 0.93 S

Seq	Start Time	Remarks
1	20 34 04	Electronic Interference



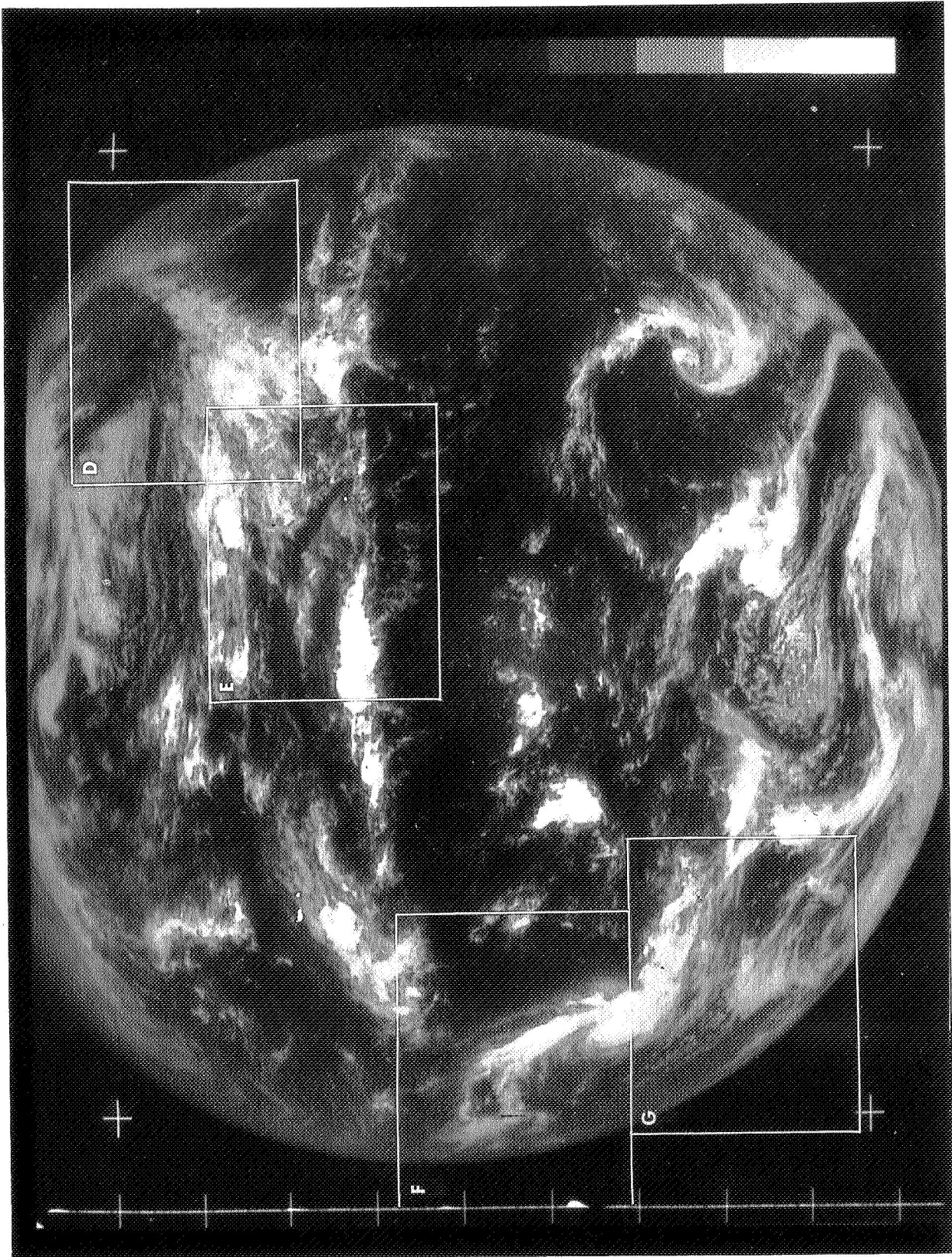
ATS-I 30 JAN 69 20 34 04 Z SEQ 1

31 Jan 69

SSP 150.01 W 0.95 S

Seq	Start	Time	Remarks
1	22	02 35	
2	22	26 15	
3	22	45 36	
4	23	13 40	
5	23	37 22	



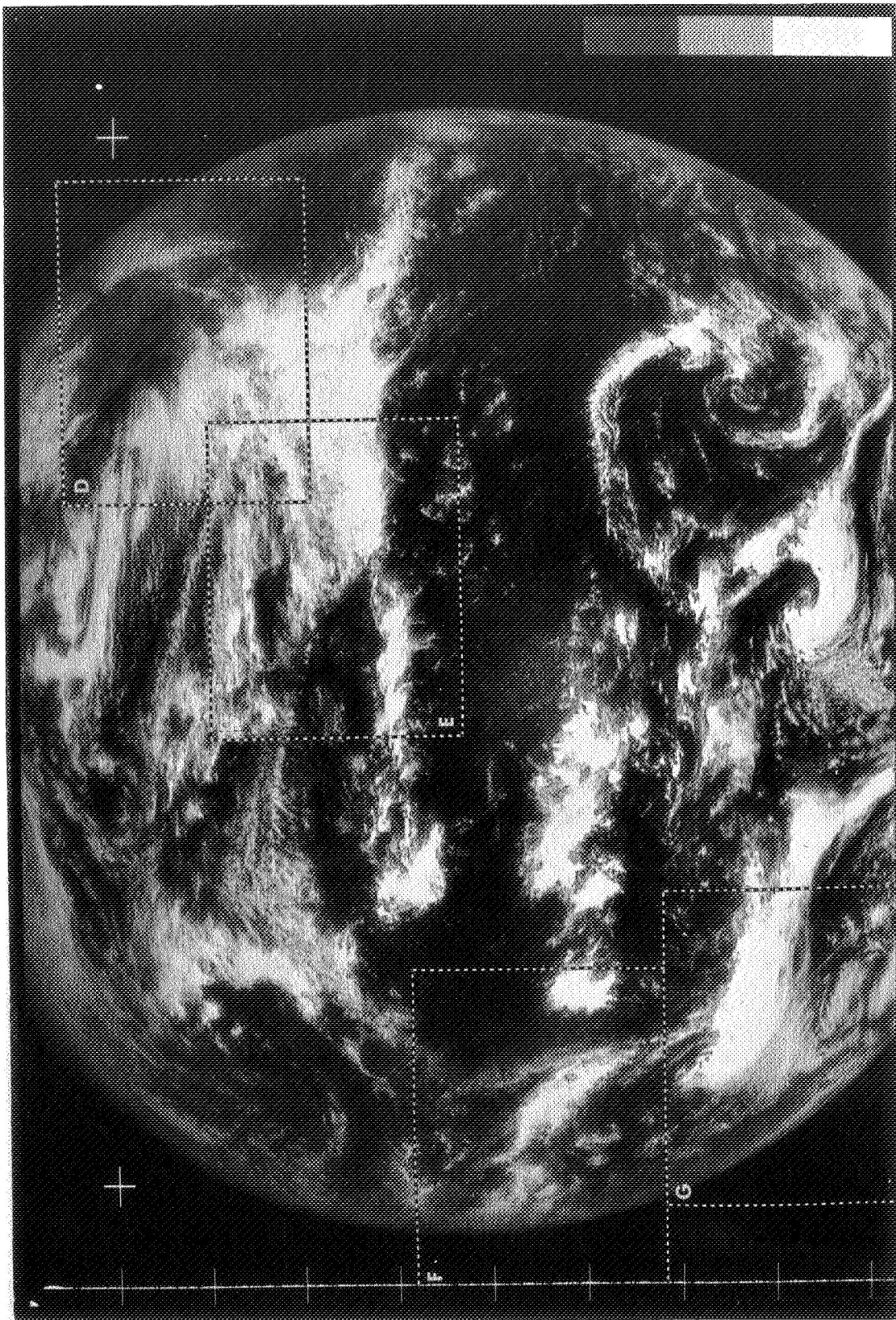


ATS-I 31 JAN 69 22 02 35 Z SEQ 1

1 Feb 69

SSP 149.98 W 0.97 S

Seq	Start	Time	Remarks
1	00	16 28	
2	00	40 09	
3	22	03 36	
4	22	26 16	
5	22	49 59	
6	23	13 42	Dropout of a few lines
7	23	37 23	



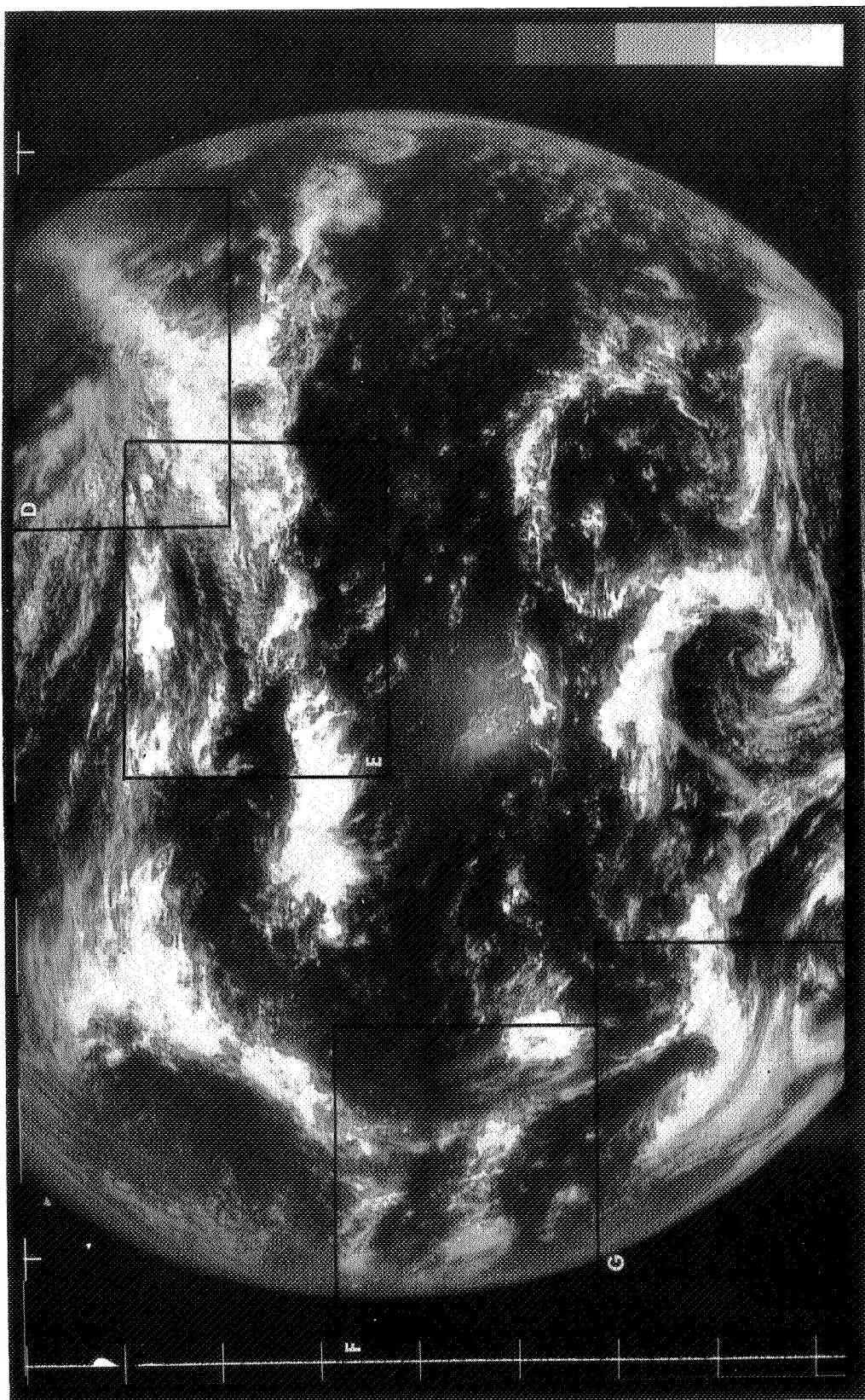
ATS-I 1 FEB 69 22 03 36 Z SEQ 3



2 Feb 69

SSP 149.95W 0.98S

Seq	Start Time			Remarks
1	00	01	07	
2	00	24	51	
3	22	04	18	
4	22	28	01	
5	22	51	43	
6	23	15	24	
7	23	39	04	Phasing Error

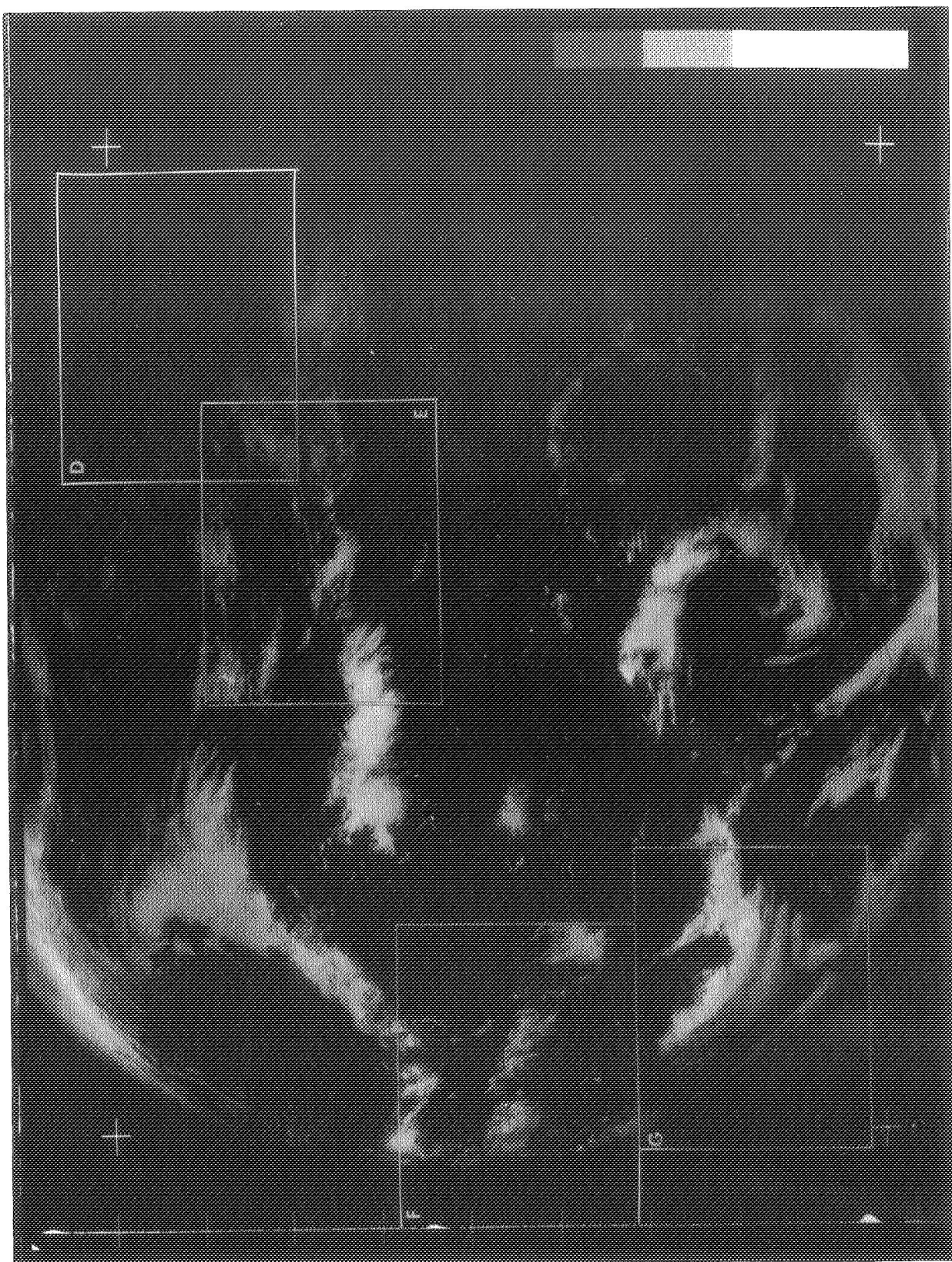


ATS-I 2 FEB 69 22 04 18 Z SEQ 3

3 Feb 69

SSP 149.92 W 1.00 S

Seq	Start Time	Remarks
1	00 02 46	
2	00 26 29	



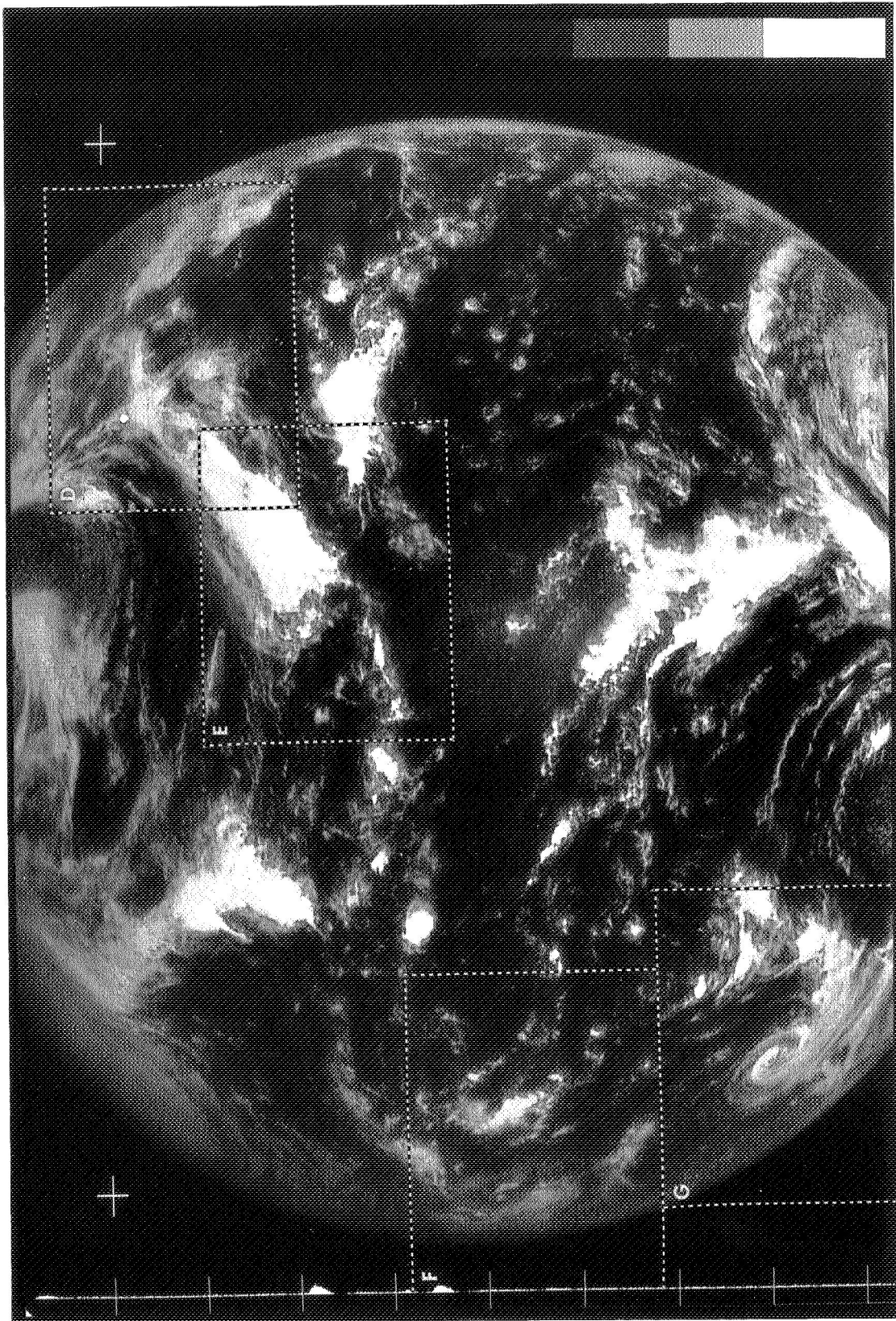
ATS-I 3 FEB 69 00 26 29 Z SEQ 2

4 Feb 69

SSP 149.89W 1.01 S

Seq	Start Time			Remarks
1	03	10	36	
2	21	00	01	
3	21	23	42	
4	21	47	23	Phasing Error
5	22	11	04	Phasing Error
6	22	34	45	Phasing Error
7	22	58	28	
8	23	22	09	

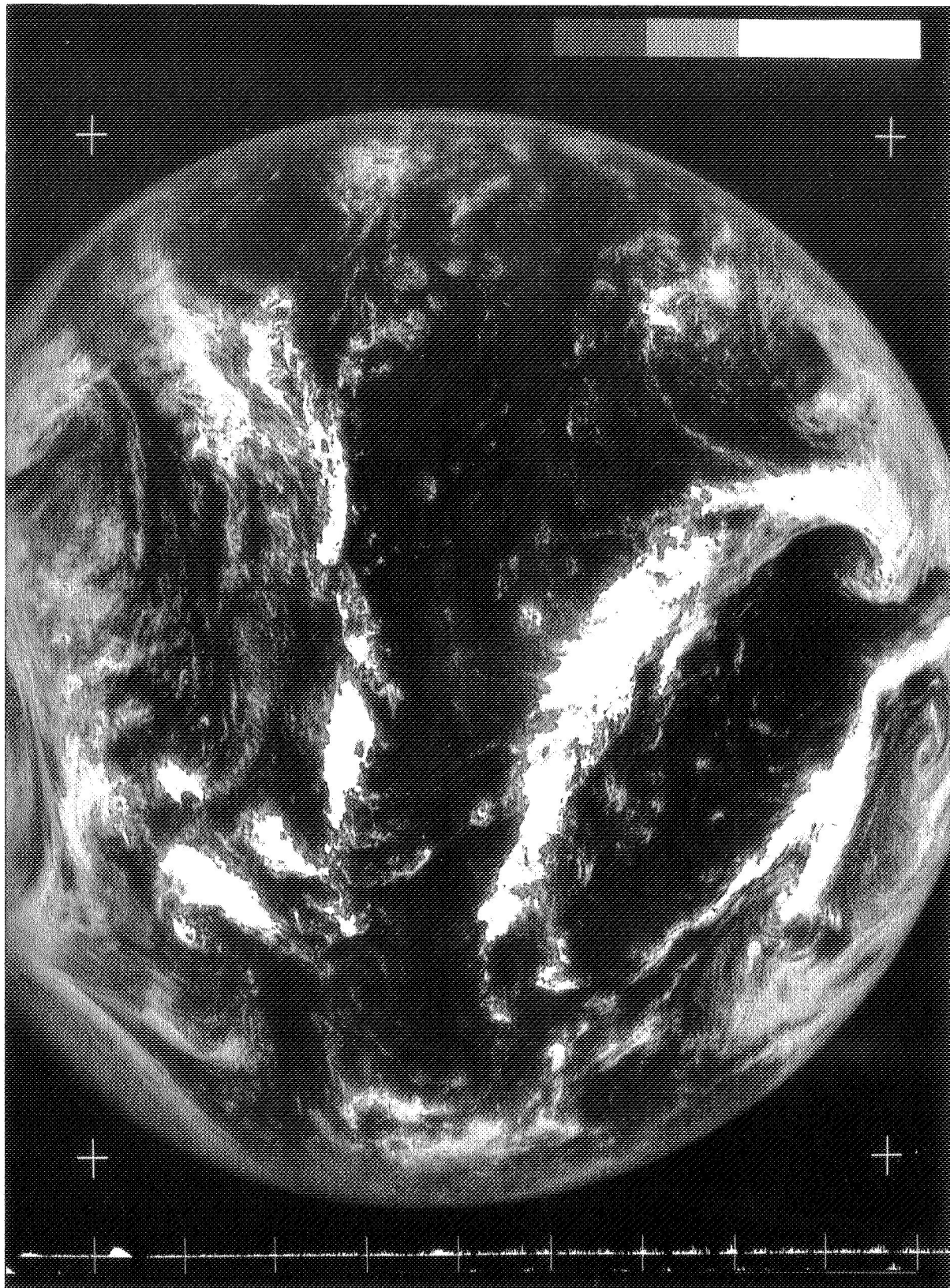




ATS-1 4 FEB 69 21 23 42 Z SEQ 3

6 Feb 69                      SSP 149.83W 1.04S

Seq	Start Time	Remarks
1	21 58 01	



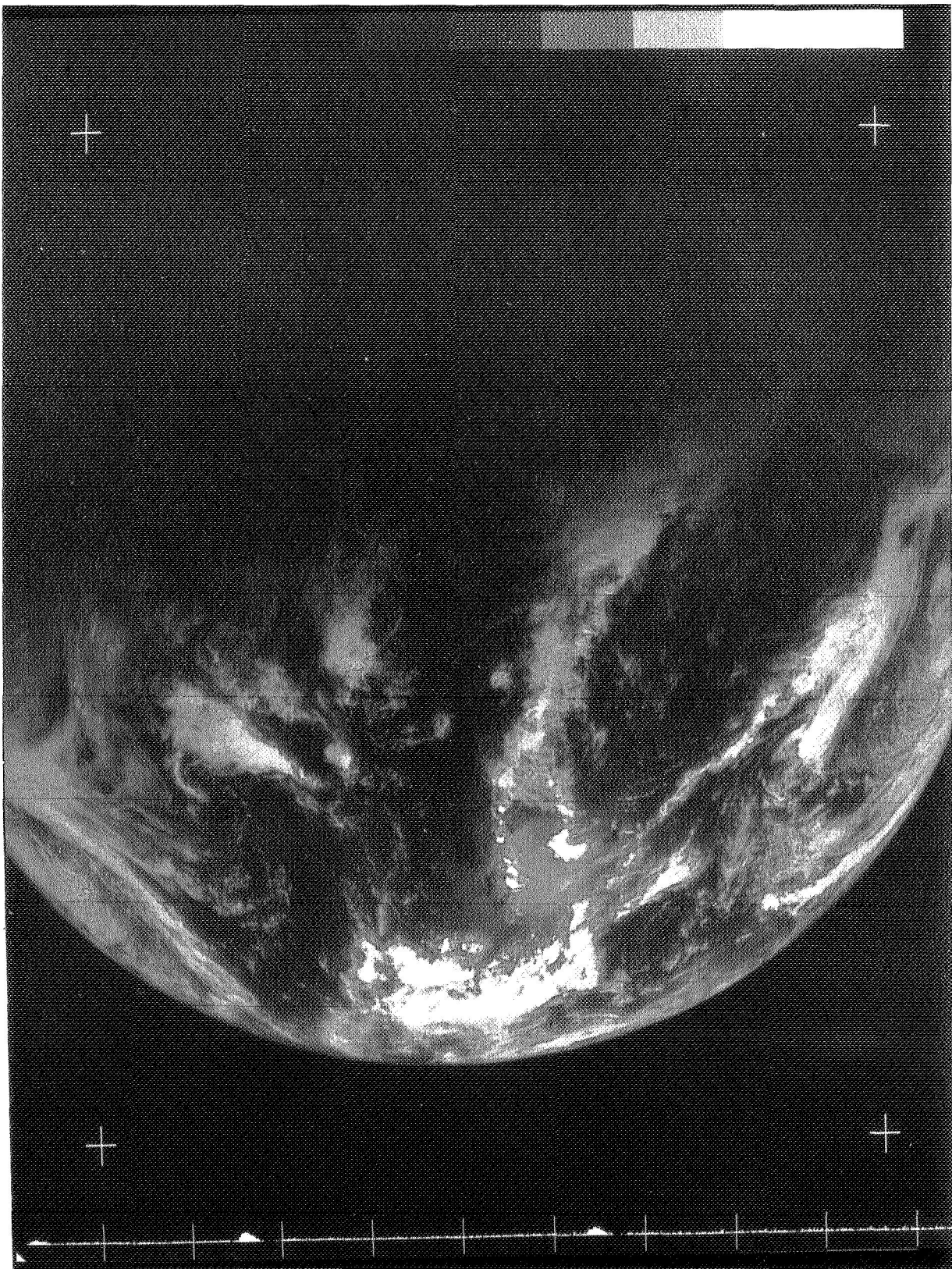
ATS-I 6 FEB 69 21 58 01 Z SEQ 1



7 Feb 69

SSP 149.79 W 1.06 S

Seq	Start Time	Remarks
1	03 10 28	



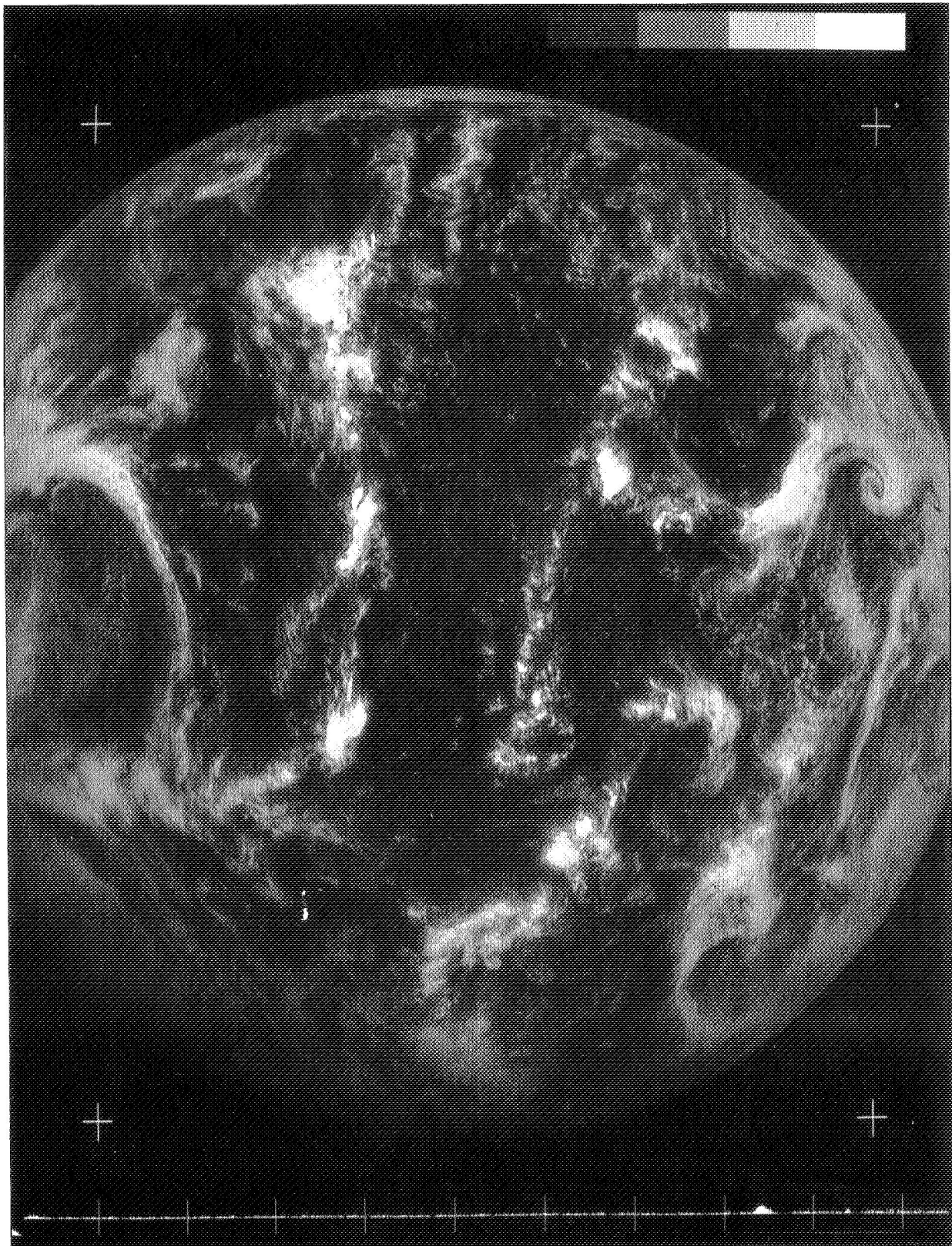
ATS-I 7 FEB 69 03 10 28 Z SEQ 1

10 Feb 69

SSP 149.94 W 1.10 S

Seq	Start Time	Remarks
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1	20 41 56	
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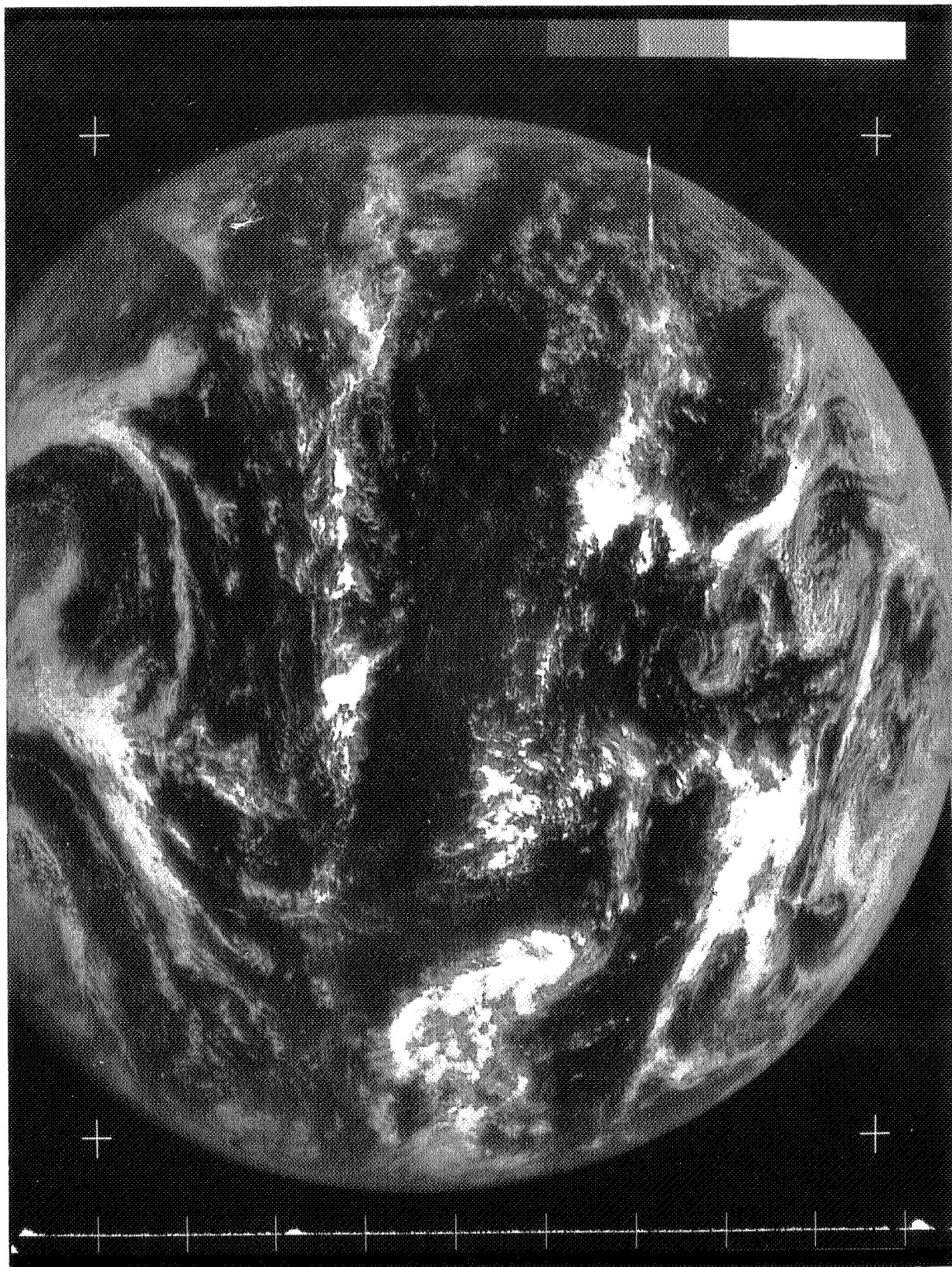
ATS-1 10 FEB 69 20 41 56 Z SEQ 1

11 Feb 69

SSP 149.97 W 1.12 S

Seq	Start Time			Remarks
1	20	24	20	
2	20	48	02	
3	21	47	23	
4	22	11	05	
5	22	34	50	
6	22	58	30	
7	23	22	10	





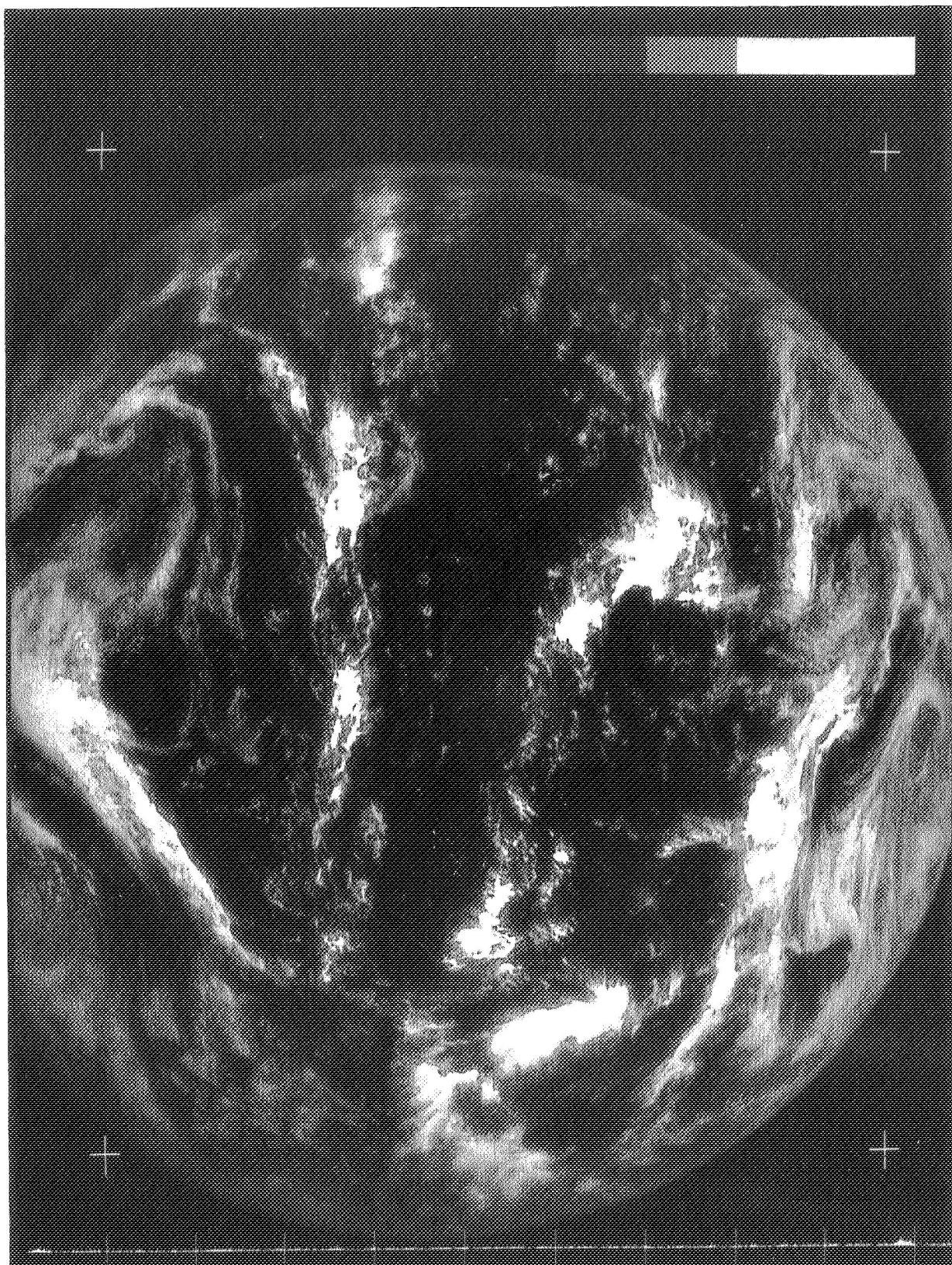
ATS-I 11 FEB 69 22 11 05 Z SEQ 4



12 Feb 69

SSP 149.99 W 1.13 S

Seq	Start Time			Remarks
1	20	26	20	
2	20	50	00	
3	21	15	00	
4	21	37	27	
5	22	01	12	
6	22	24	50	
7	22	48	30	

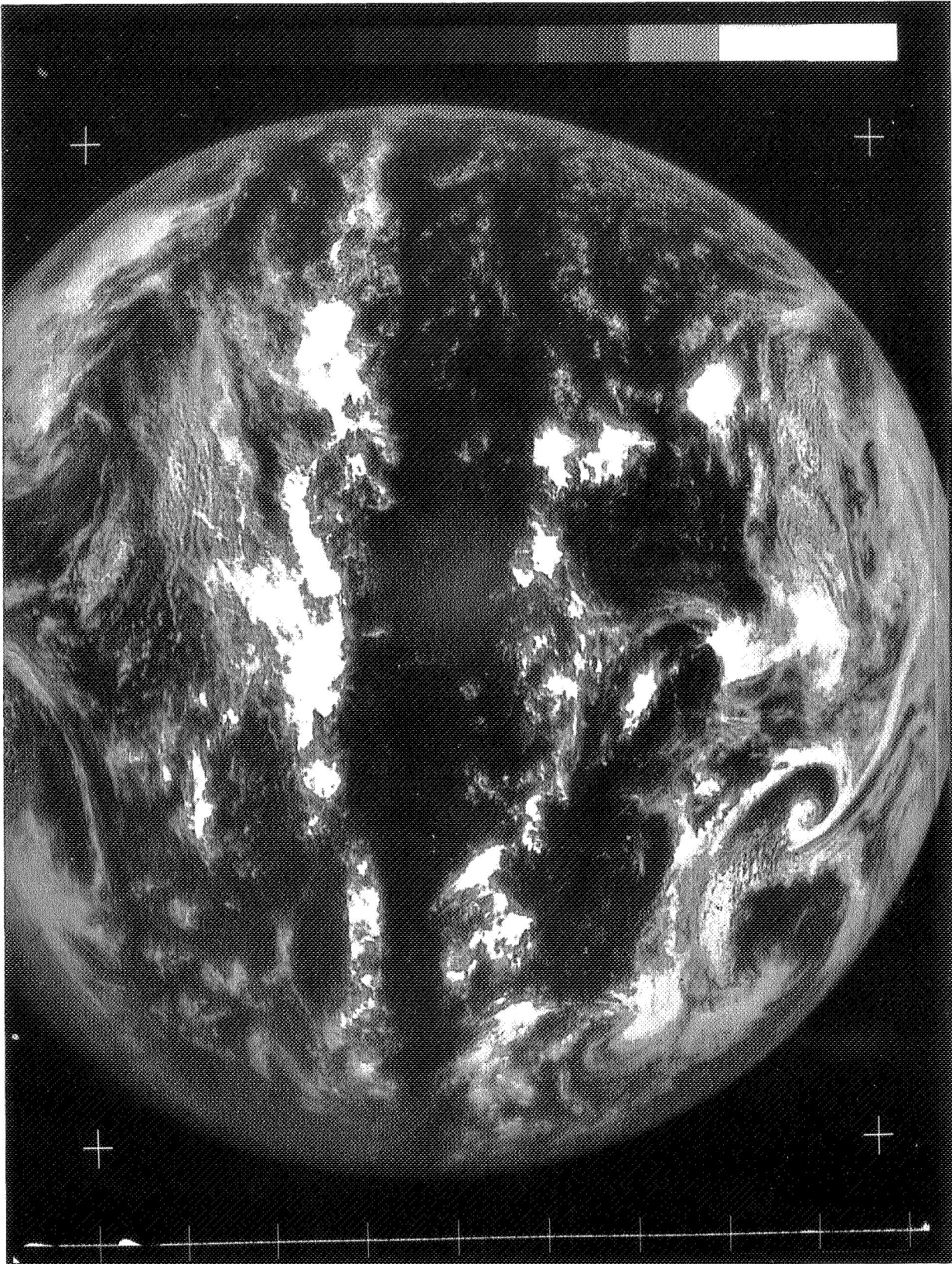


ATS-1 12 FEB 69 22 01 12 Z SEQ 5

19 Feb 69

SSP 150.14W 1.21S

Seq	Start Time			Remarks
1	20	30	26	Picture offset
2	20	57	59	Negative scratched
3	21	21	44	
4	21	45	23	Electronic Interference
5	22	09	04	Electronic Interference
6	22	32	50	
7	22	56	28	Electronic Interference



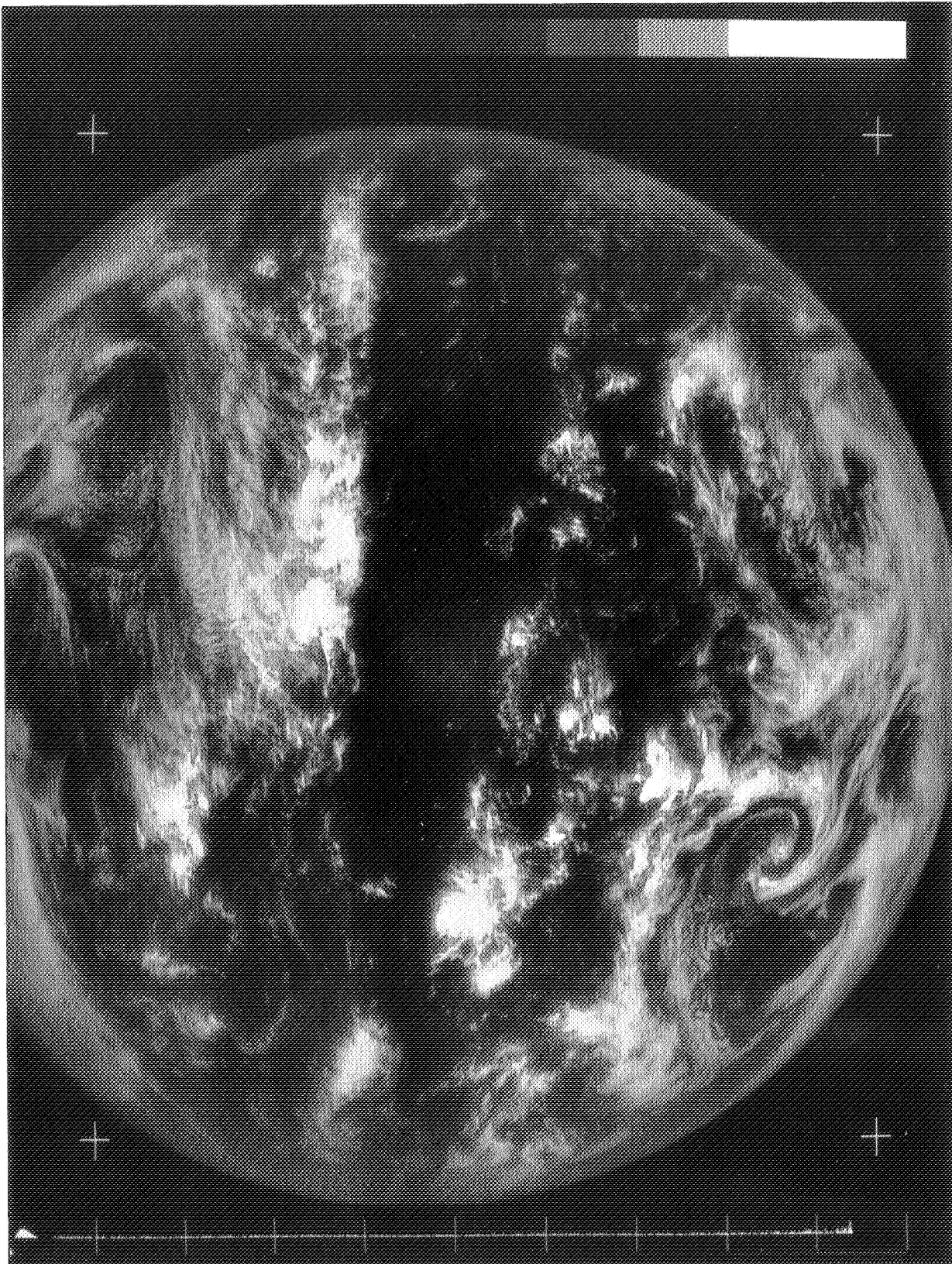
ATS-I 19 FEB 69 21 21 44 Z SEQ 3

20 Feb 69

SSP 150.16 W 1.23 S

Seq	Start Time			Remarks
1	20	28	36	
2	20	52	16	
3	21	15	57	
4	21	39	41	
5	22	03	21	
6	22	27	03	
7	22	50	43	





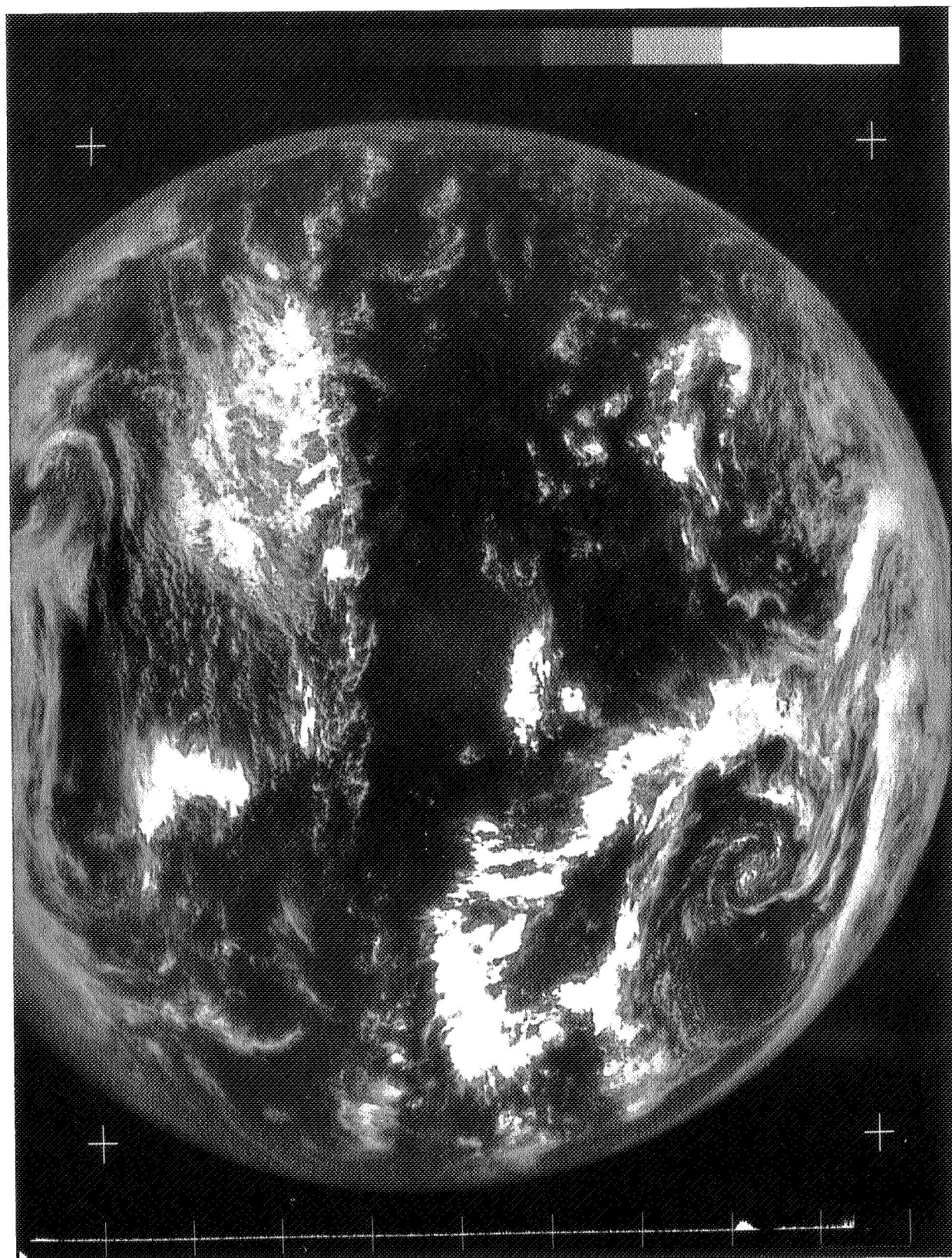
ATS-I 20 FEB 69 22 03 21 Z SEQ 5



21 Feb 69

SSP 150.17 W 1.24 S

Seq	Start Time			Remarks
1	21	10	43	Electronic Interference
2	21	34	25	
3	21	58	05	
4	22	21	50	
5	22	45	30	

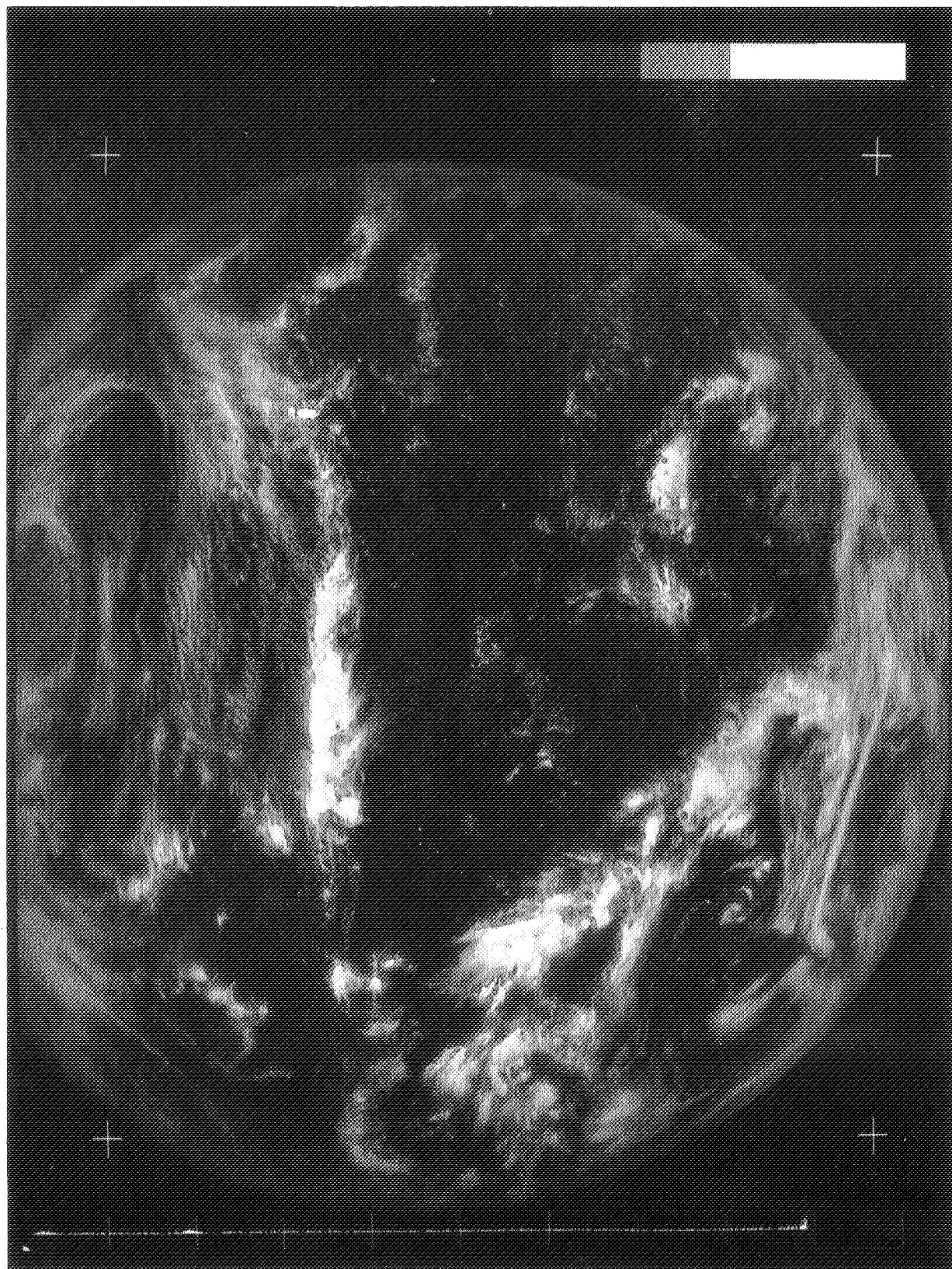


ATS-I 21 FEB 69 21 58 05 Z SEQ 3

22 Feb 69

SSP 150.18 W 1.25 S

Seq	Start Time			Remarks
1	20	29	10	Electronic Interference
2	20	52	50	
3	21	16	30	
4	21	40	10	
5	22	04	00	
6	22	27	40	
7	22	51	20	



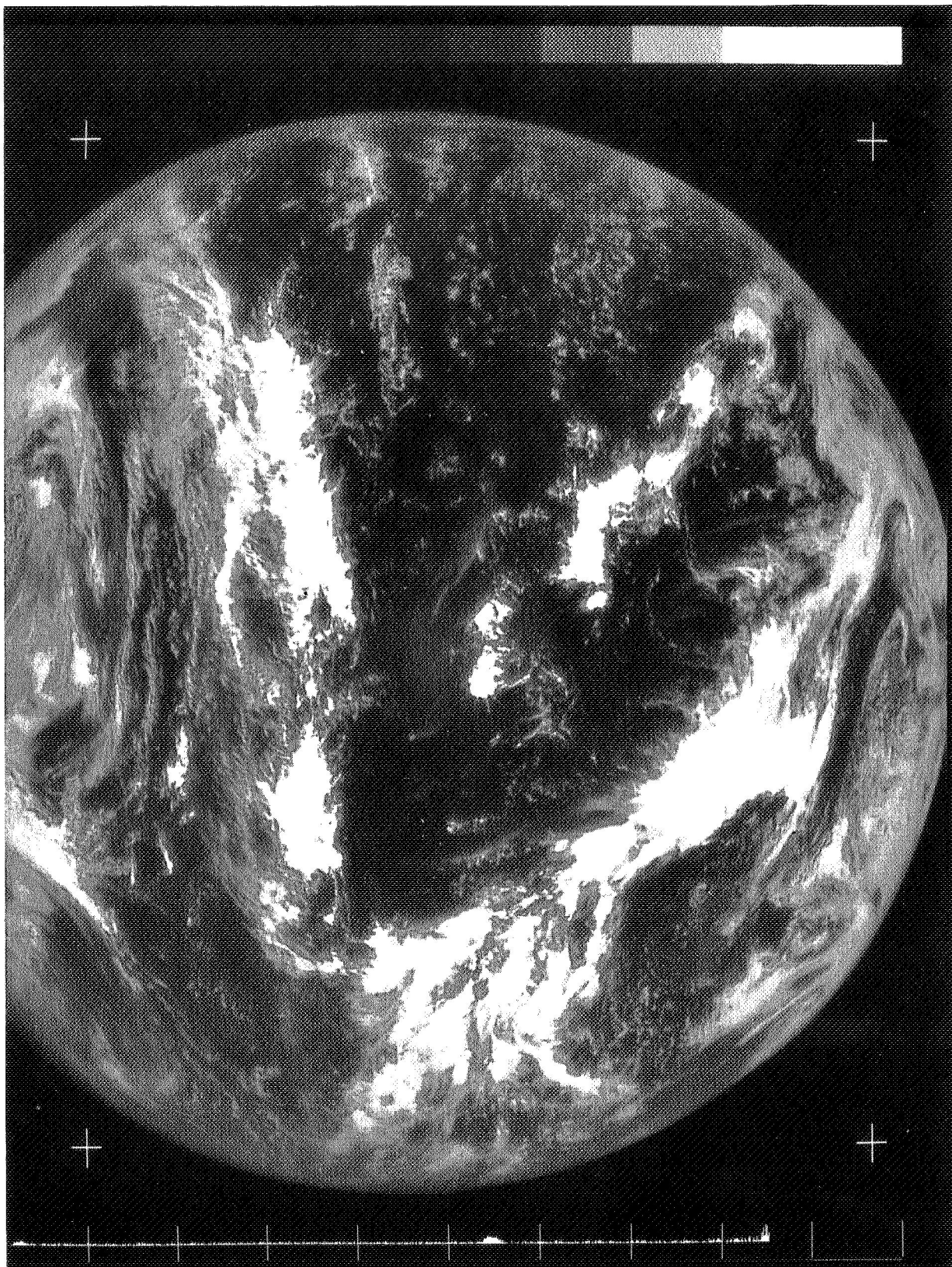
ATS-I 22 FEB 69 22 04 00 Z SEQ 5

23 Feb 69

SSP 150.18 W 1.26 S

Seq	Start Time			Remarks
1	20	27	28	
2	20	51	08	
3	21	14	50	
4	21	38	30	
5	22	02	40	
6	22	25	55	
7	22	49	35	





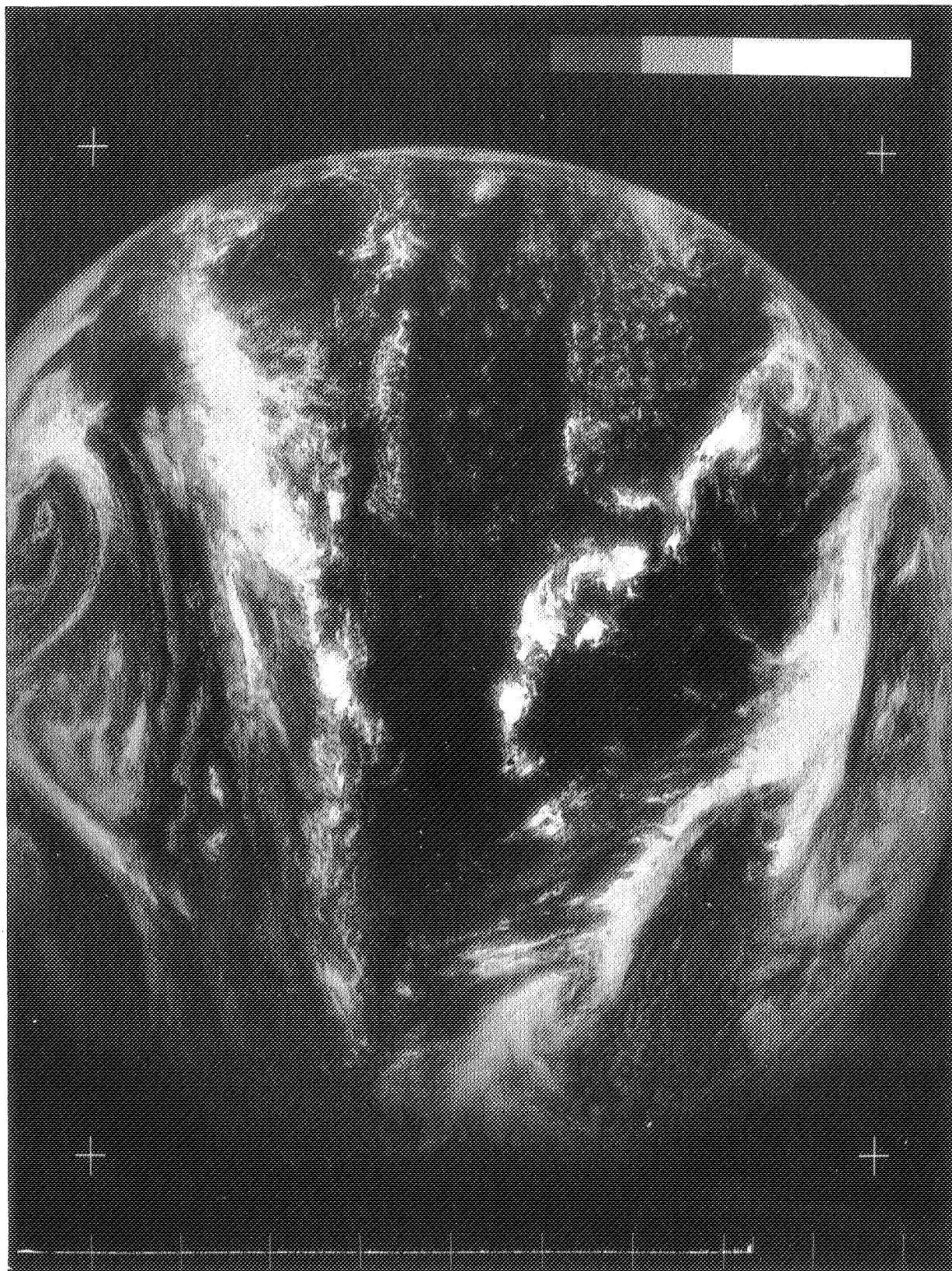
ATS-I 23 FEB 69 22 02 40 Z SEQ 5



24 Feb 69

SSP 150.19 W 1.27 S

Seq	Start Time	Remarks
1	20 22 00	

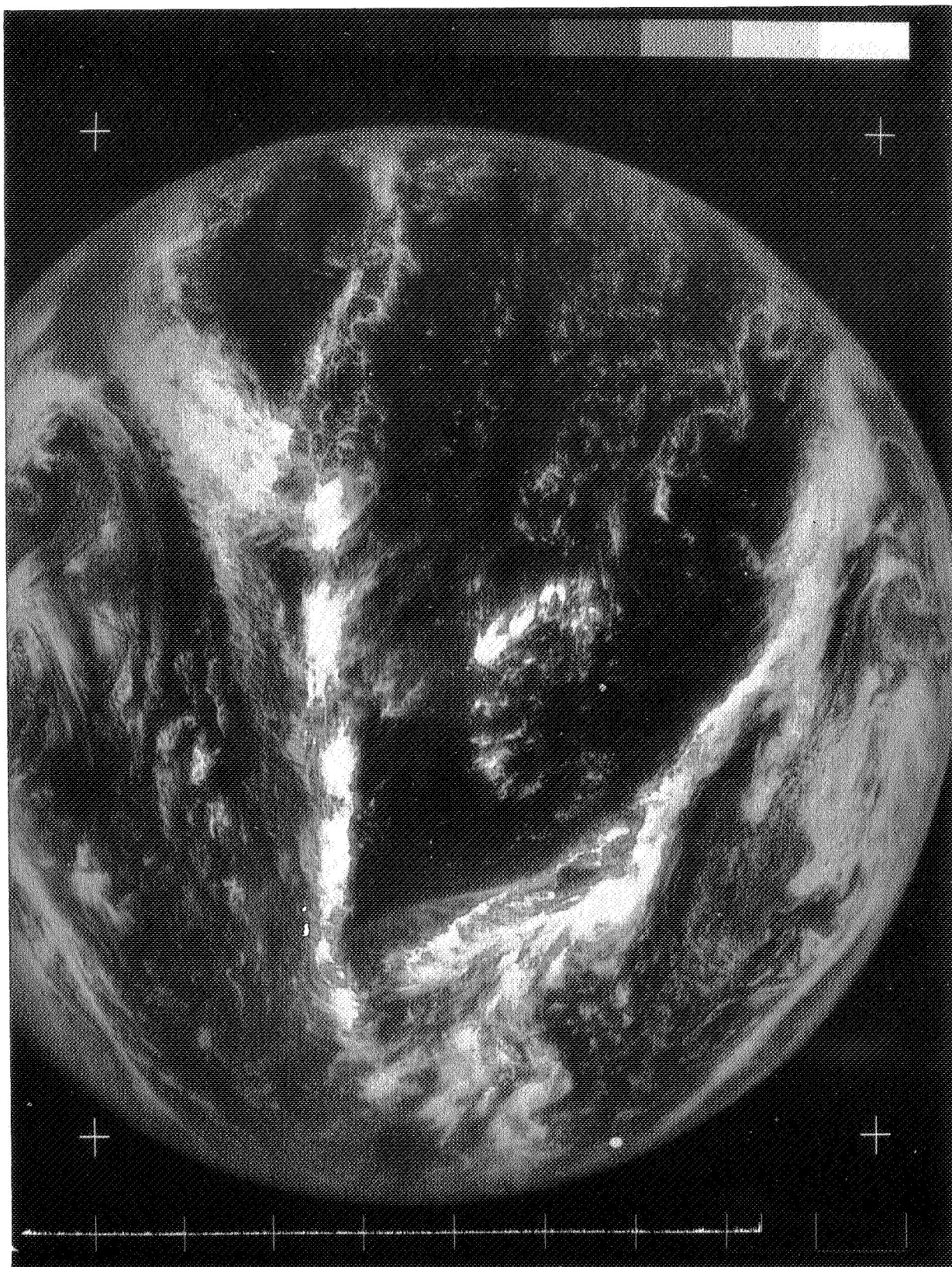


ATS-I 24 FEB 69 20 22 00 Z SEQ 1

25 Feb 69

SSP 150.19 W 1.28 S

Seq	Start Time	Remarks
1	01 37 30	No Data
2	21 53 50	



ATS-I 25 FEB 69 21 53 50 Z SEQ 2

26 Feb 69

SSP 150.19 W 1.29 S

Seq	Start Time	Remarks
1	00 28 25	
2	22 01 20	Picture Skewed



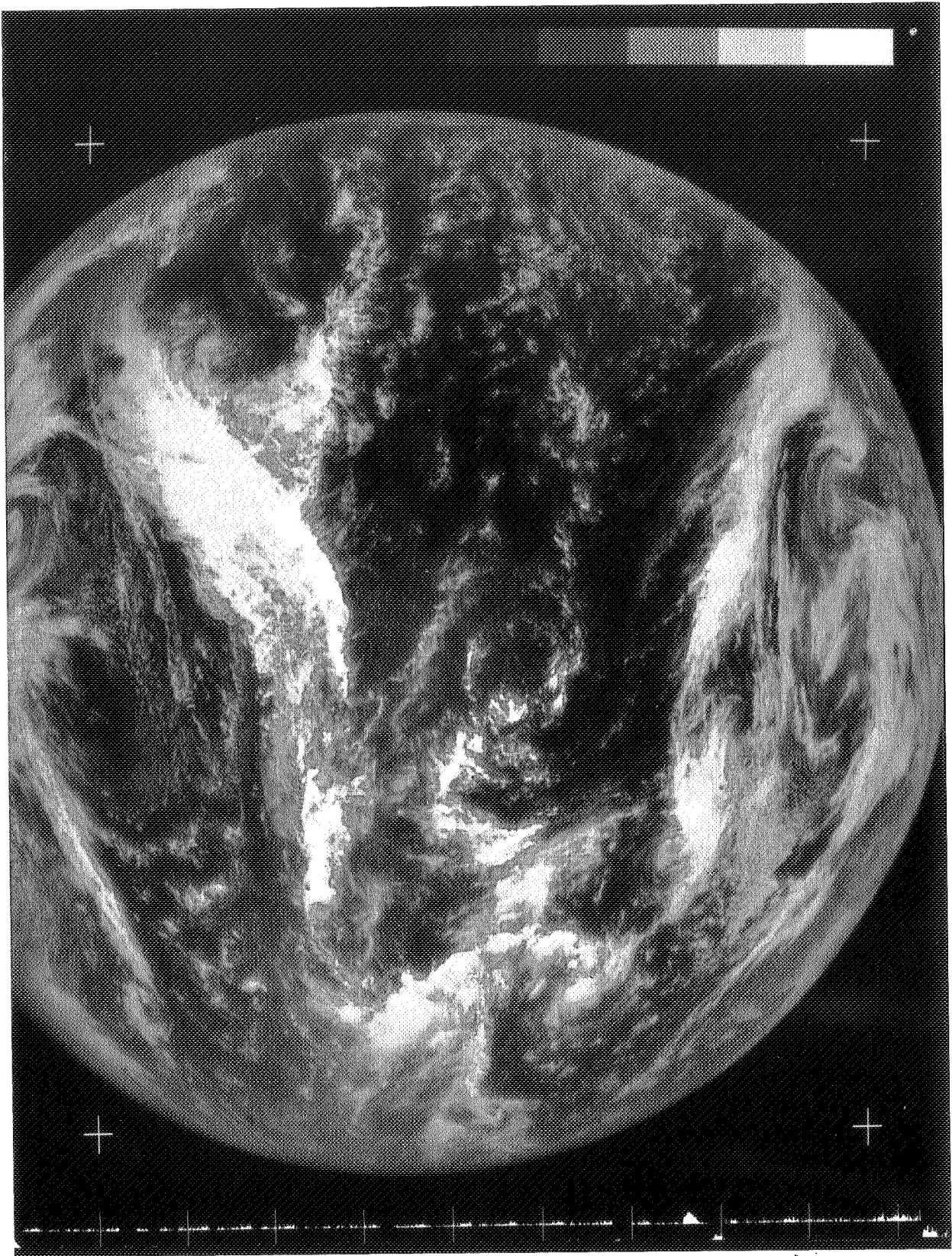


ATS-I 26 FEB 69 22 01 20 Z SEQ 2

27 Feb 69

SSP 150.19 W 1.30 S

Seq	Start Time	Remarks
1	00 48 15	Sun flare caused phasing error SE portion
2	21 53 36	



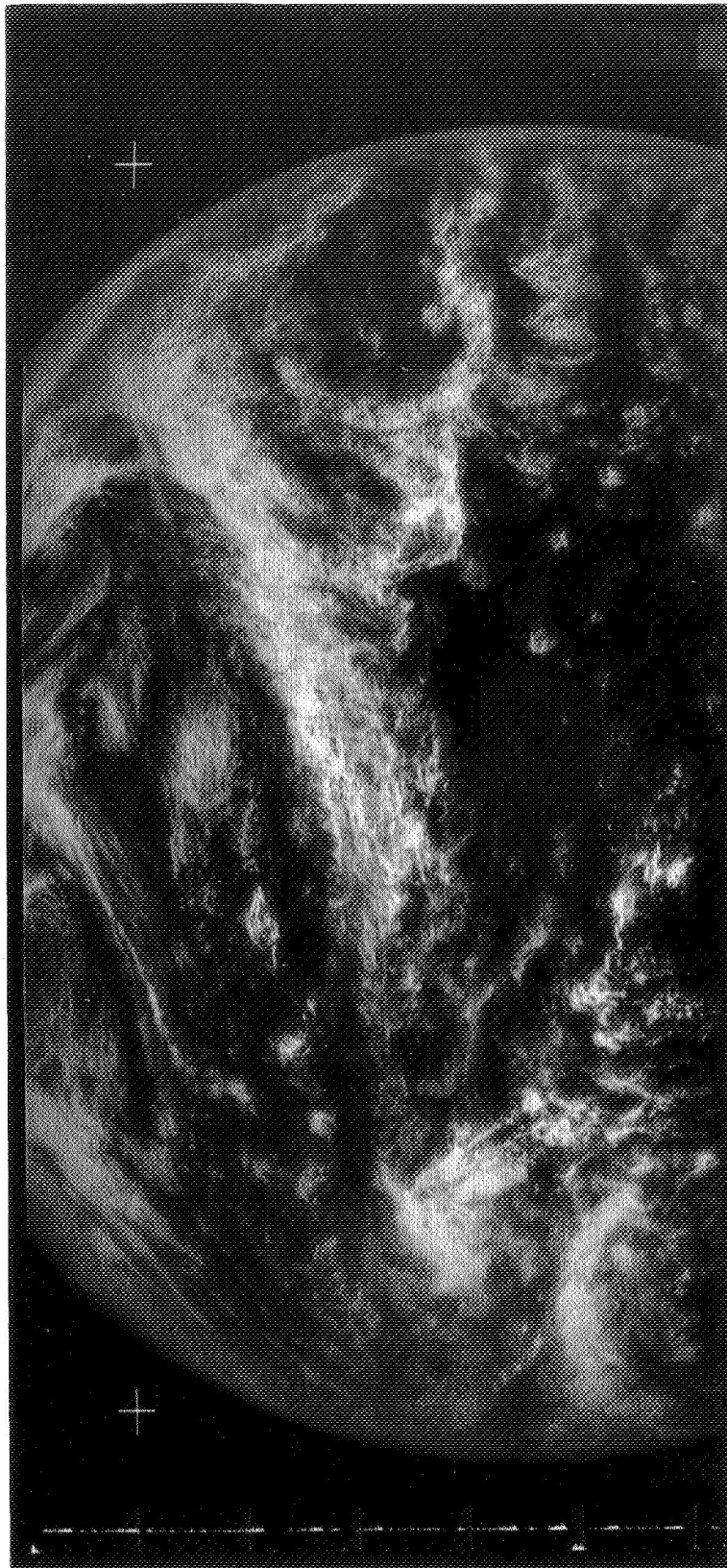
ATS-I 27 FEB 69 21 53 36 Z SEQ 2

28 Feb 69

SSP 150.19 W 1.31 S

Seq	Start Time			Remarks
1	00	45	57	
2	17	33	40	Half Scan
3	17	51	07	Half Scan
4	18	07	50	Half Scan
5	18	26	00	Half Scan
6	18	43	40	Half Scan
7	21	20	49	Half Scan
8	21	37	18	Half Scan
9	21	54	16	Half Scan
10	22	11	05	Half Scan
11	22	27	05	Half Scan
12	22	42	55	Half Scan
13	22	59	20	Half Scan
14	23	15	22	Half Scan
15	23	32	03	Half Scan
16	23	48	55	Half Scan





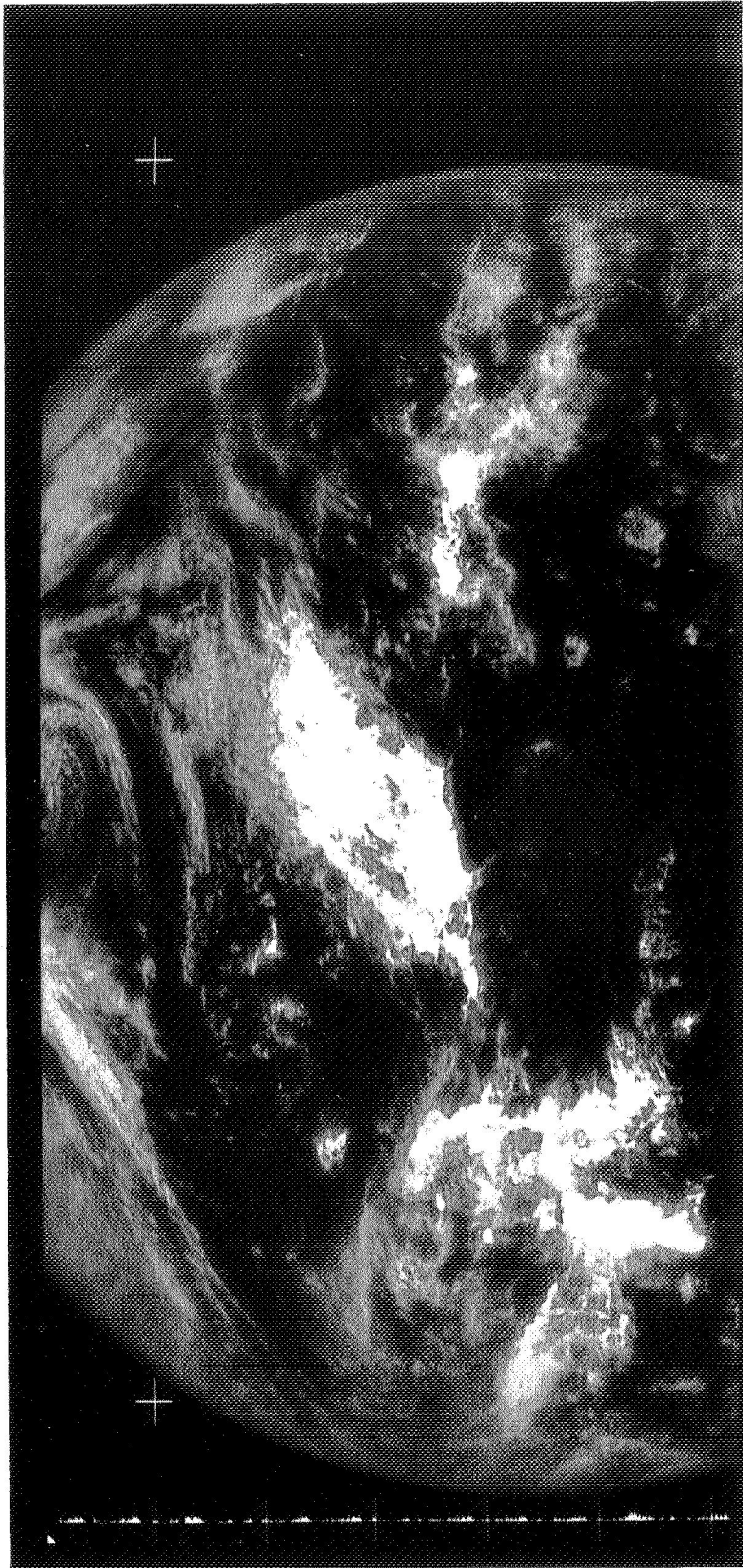
ATS-I 28 FEB 69 21 54 16 Z SEQ 9



1 Mar 69

SSP 150.18 W 1.32 S

Seq	Start Time			Remarks
1	00	04	13	Half Scan
2	00	21	06	Half Scan
3	00	37	39	Half Scan
4	00	54	10	Half Scan
5	16	32	15	Half Scan
6	16	49	45	Half Scan
7	17	06	42	Half Scan
8	17	29	24	Half Scan
9	17	46	53	Half Scan
10	18	04	12	Half Scan
11	18	22	18	Half Scan
12	18	38	48	Half Scan
13	20	29	57	Half Scan
14	20	46	00	Half Scan
15	21	02	01	Half Scan
16	21	18	50	Half Scan
17	21	34	34	Half Scan
18	21	50	31	Half Scan
19	22	06	27	Half Scan
20	22	22	28	Half Scan Electronic Interference
21	22	38	10	Half Scan
22	22	55	02	Half Scan
23	23	11	06	Half Scan
24	23	27	02	Half Scan
25	23	43	03	Half Scan
26	23	59	24	Half Scan

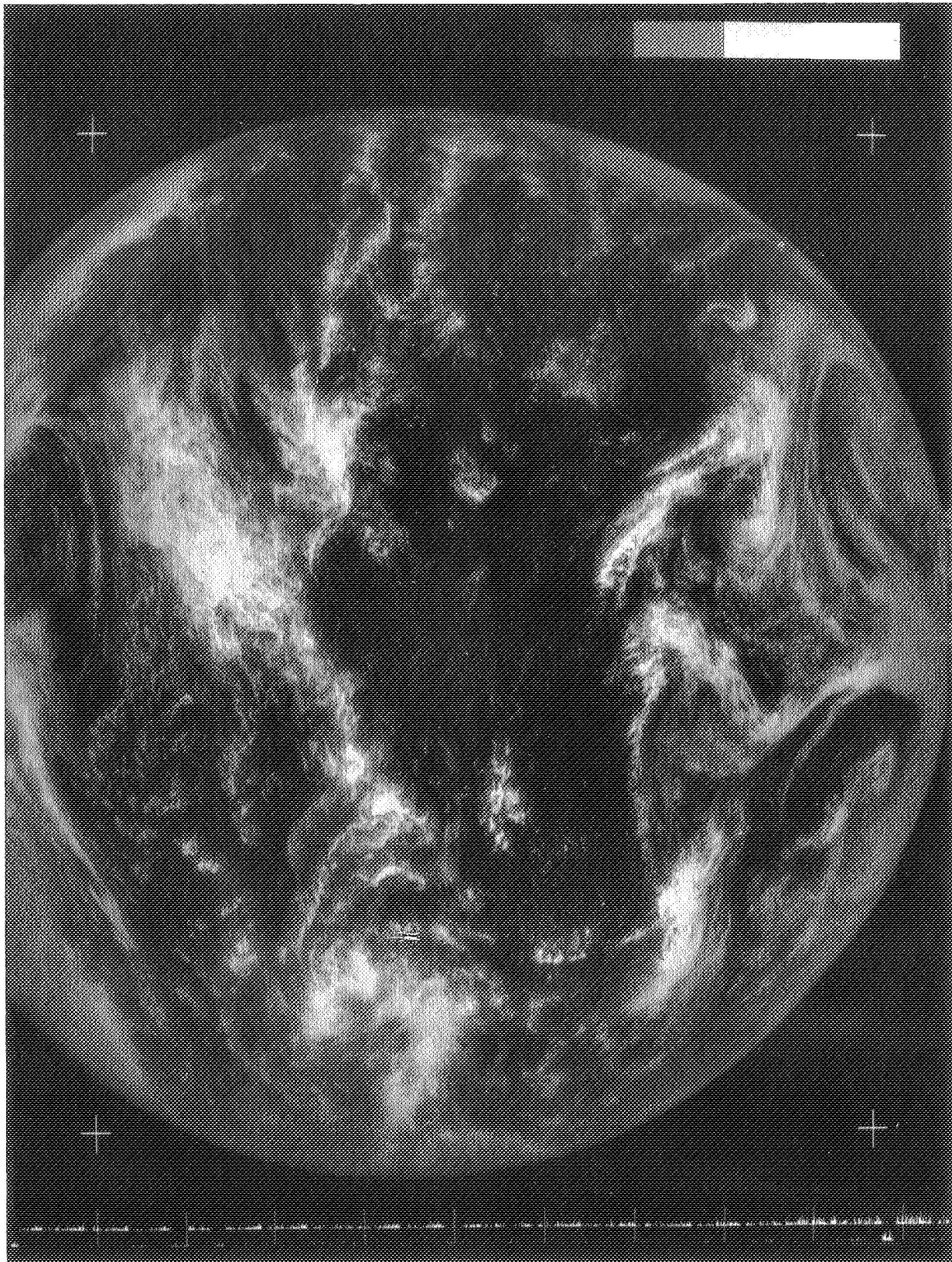


ATS-I 1 MAR 69 22 06 27 Z SEQ 19

2 Mar 69

SSP 150.18 W 1.33 S

Seq	Start	Time	Remarks
1	00	15 20	Half Scan
2	00	31 33	
3	21	59 13	



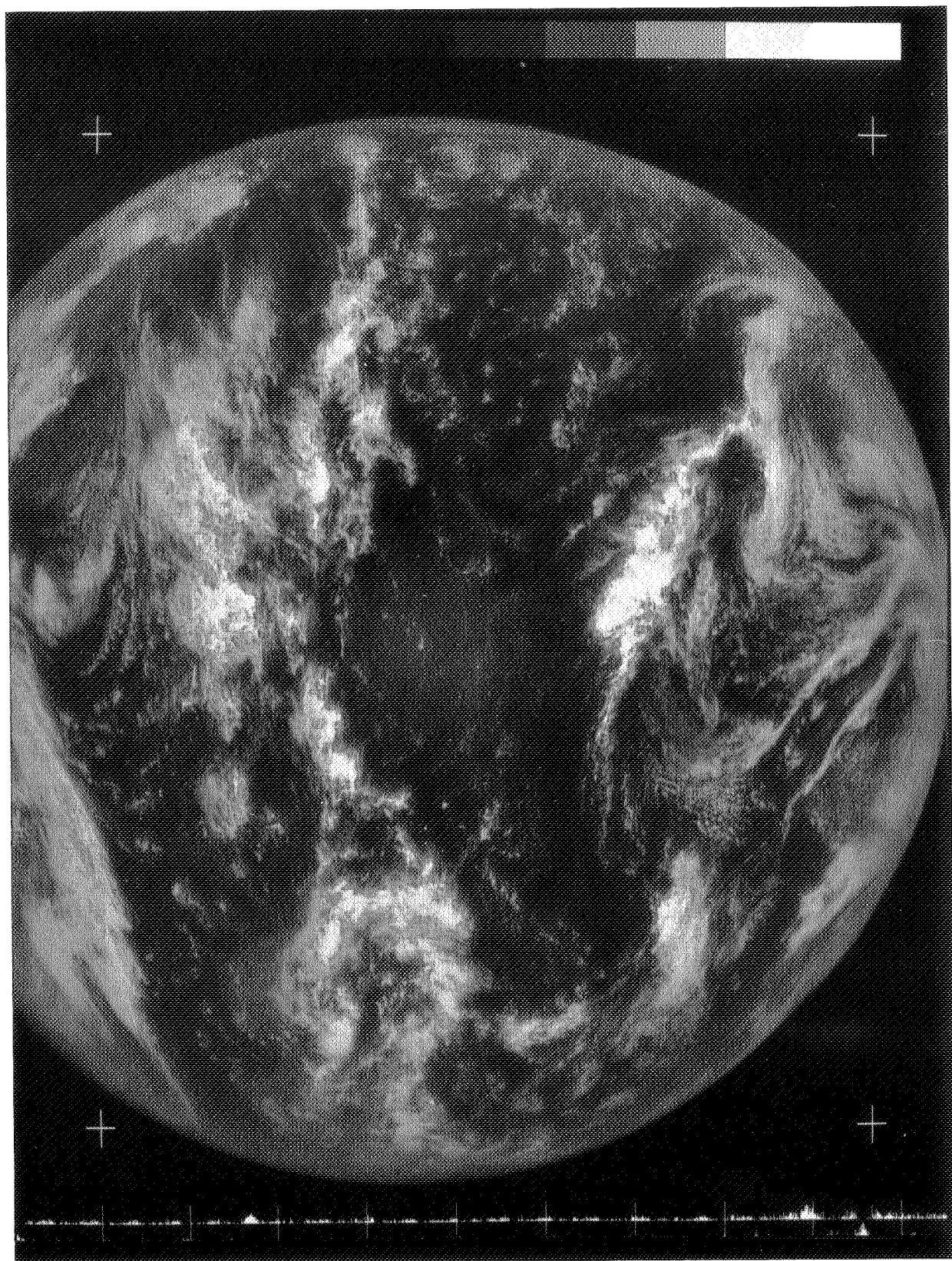
ATSI 2 MAR 69 21 59 13 Z SEQ 3

3 Mar 69

SSP 150.18 W 1.33S

Seq	Start Time	Remarks
1	00 44 58	
2	21 57 11	



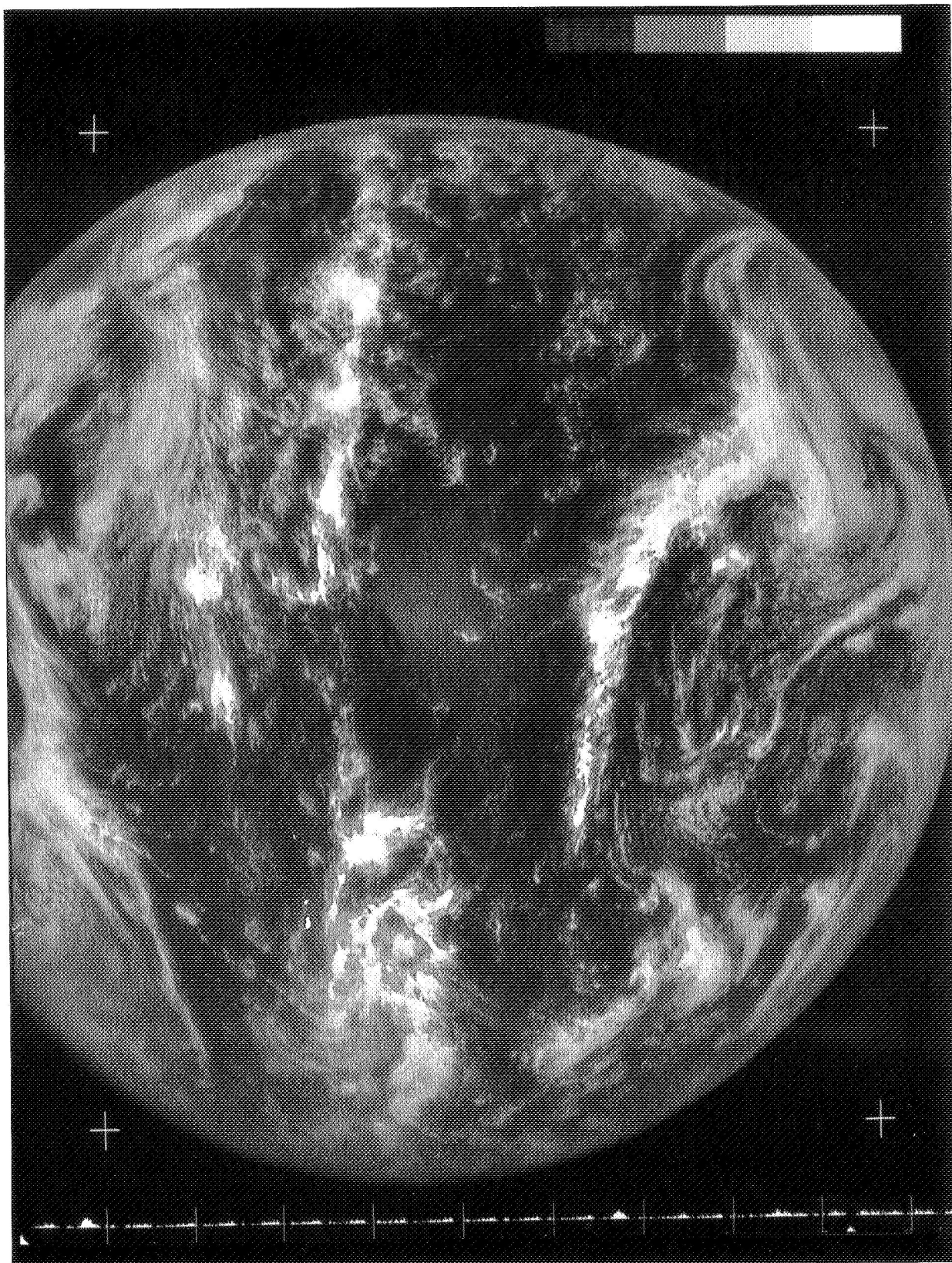


ATS-I 3 MAR 69 21 57 11 Z SEQ 2

4 Mar 69

SSP 150.17 W 1.34 S

Seq	Start Time	Remarks
1	00 43 09	
2	21 23 46	Slight N-S Picture Elongation



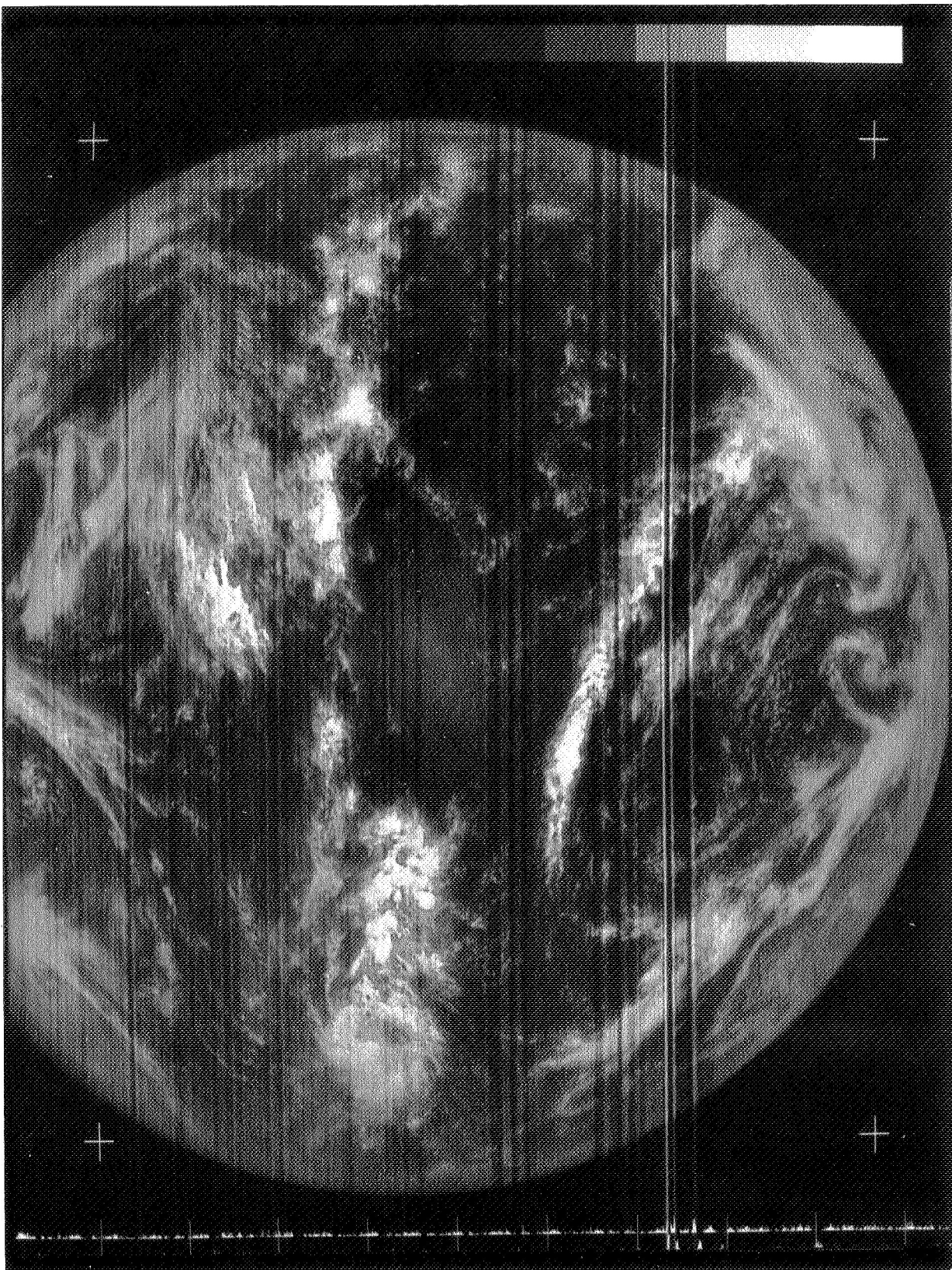
ATS-I 4 MAR 69 21 23 46 Z SEQ 2

5 Mar 69

SSP 150.17 W 1.34 S

Seq	Start Time			Remarks
1	00	58	33	Slight Phasing Error
2	21	06	06	Electronic Interference
3	21	27	38	Electronic Interference Recorded in Reverse Mode
4	21	49	11	Electronic Interference





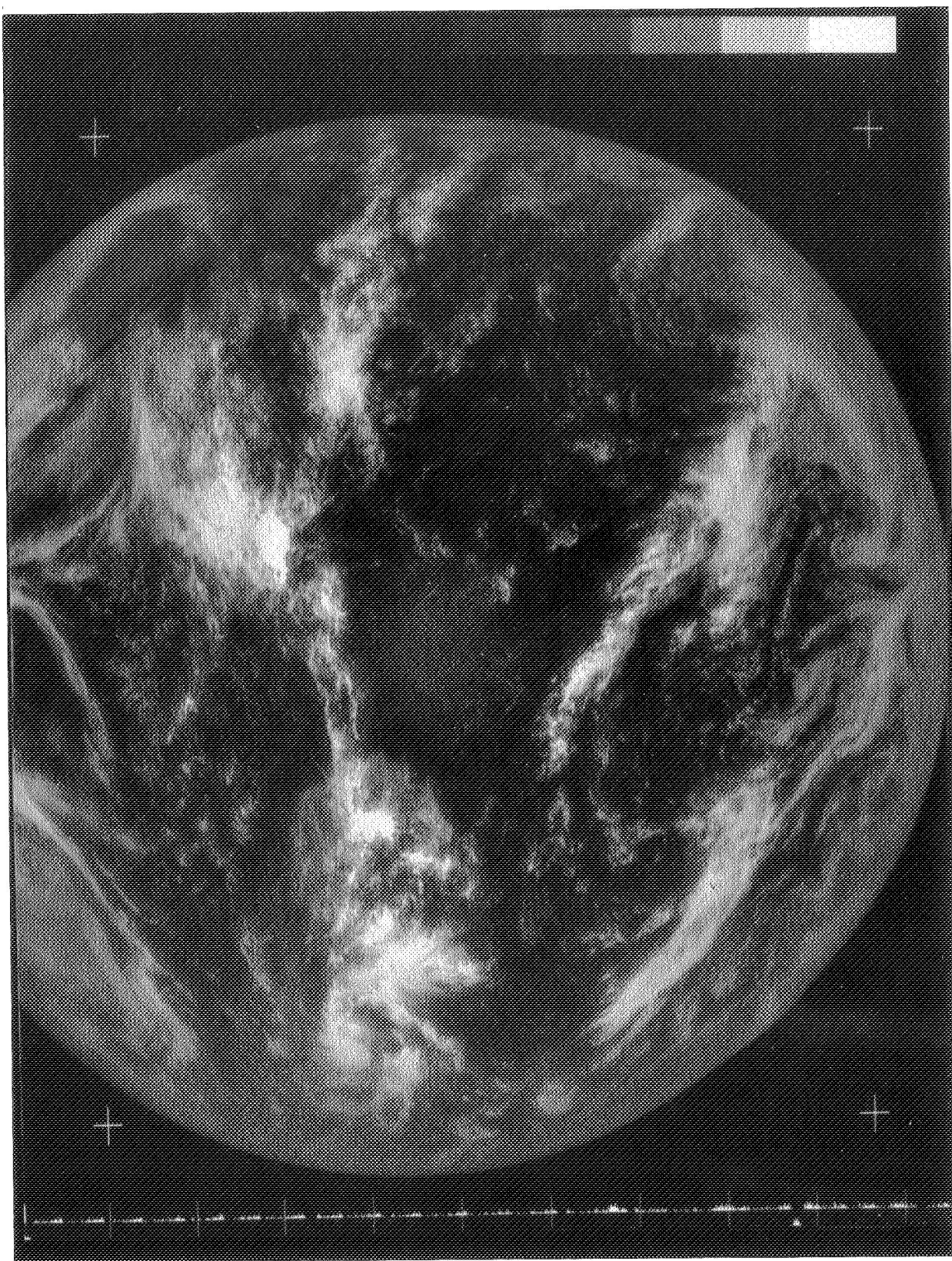
ATS-I 5 MAR 69 21 49 11 Z SEQ 4



6 Mar 69

SSP 150.16 W 1.35 S

Seq	Start Time	Remarks
1	00 43 30	Slight Phasing Error
2	21 57 23	Slight Phasing Error



ATS-I 6 MAR 69 21 57 23 Z SEQ 2

7 Mar 69

SSP 150.15 W 1.35 S

Seq	Start Time	Remarks
1	00 12 55	
2	23 24 50	
3	23 48 22	



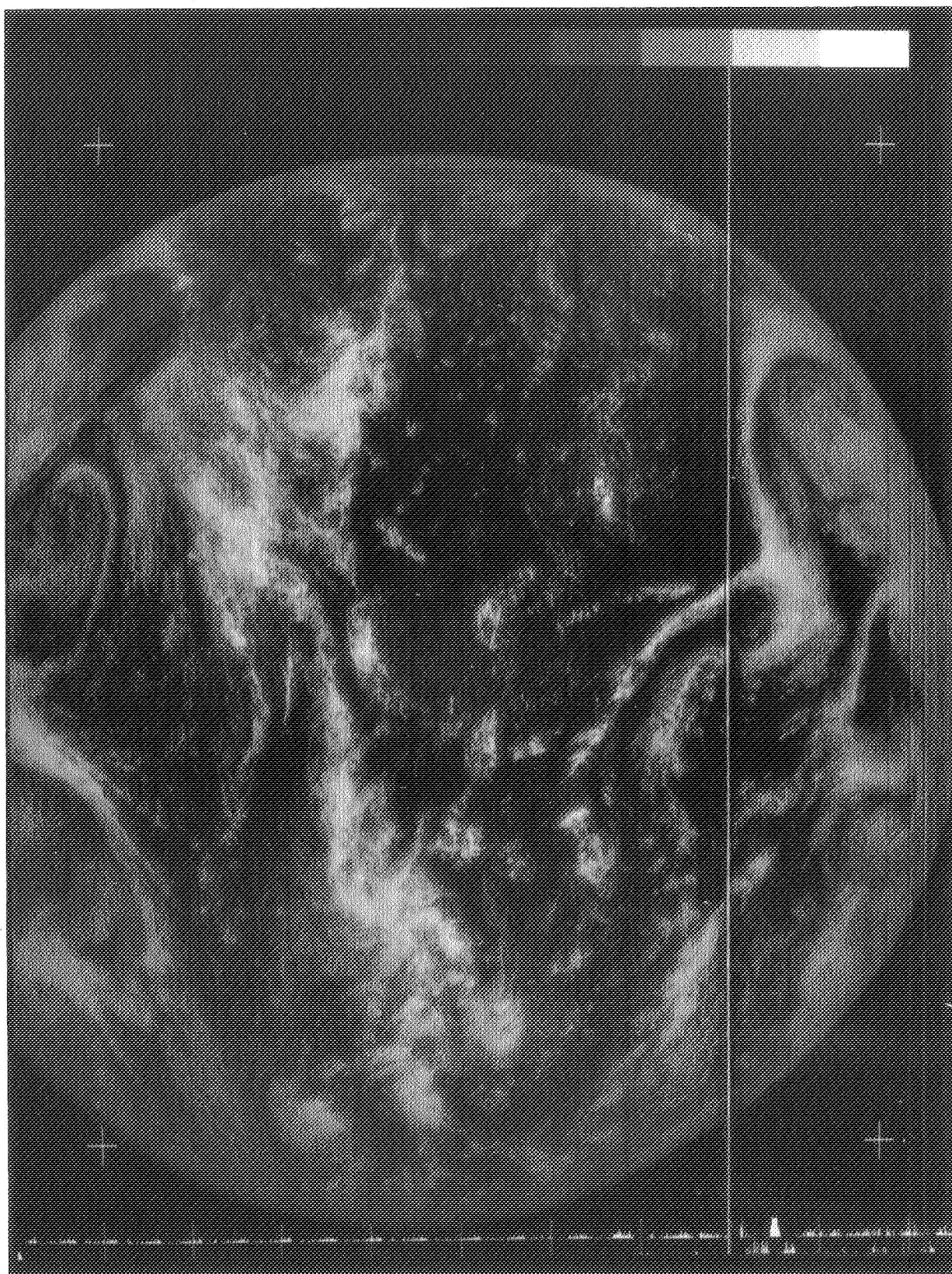
ATS-I 7 MAR 69 23 24 50 Z SEQ 2

8 Mar 69

SSP 150.14 W 1.36 S

Seq	Start Time			Remarks
1	00	12	05	Scratched Negative
2	00	35	40	
3	17	06	00	Electronic Interference
4	17	29	50	Electronic Interference
5	17	53	30	Electronic Interference
6	18	17	10	Electronic Interference Phasing Error
7	18	45	57	Electronic Interference Phasing Error
8	21	27	50	Electronic Interference Phasing Error
9	21	51	30	Electronic Interference Phasing Error
10	22	15	13	Electronic Interference Phasing Error
11	22	39	00	Electronic Interference Phasing Error
12	23	02	00	Electronic Interference Phasing Error
13	23	26	17	Electronic Interference Phasing Error
14	23	50	00	Electronic Interference Phasing Error



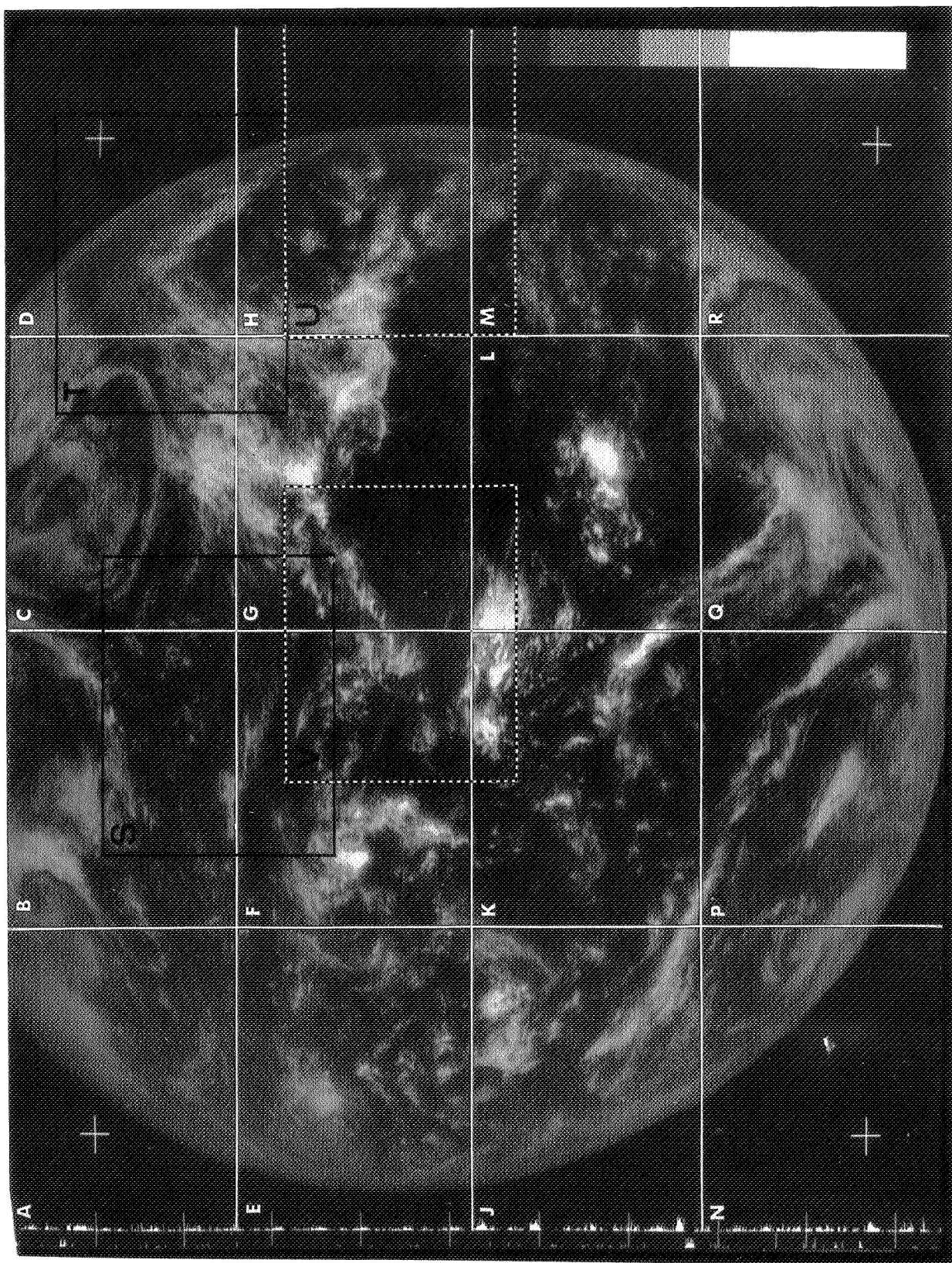


ATS-I 8 MAR 69 21 27 50 Z SEQ 8

9 Mar 69

SSP 150.12 W 1.37 S

Seq	Start Time			Remarks
1	00	13	42	Electronic Interference Phasing Error
2	17	07	00	Electronic Interference Phasing Error
3	17	30	40	Electronic Interference
4	21	08	50	Electronic Interference Phasing Error
5	21	32	39	Electronic Interference Phasing Error
6	21	56	20	Electronic Interference Phasing Error
7	22	20	00	Electronic Interference Phasing Error
8	22	43	39	Electronic Interference Phasing Error
9	23	31	00	Electronic Interference Phasing Error
10	23	54	40	Electronic Interference Phasing Error



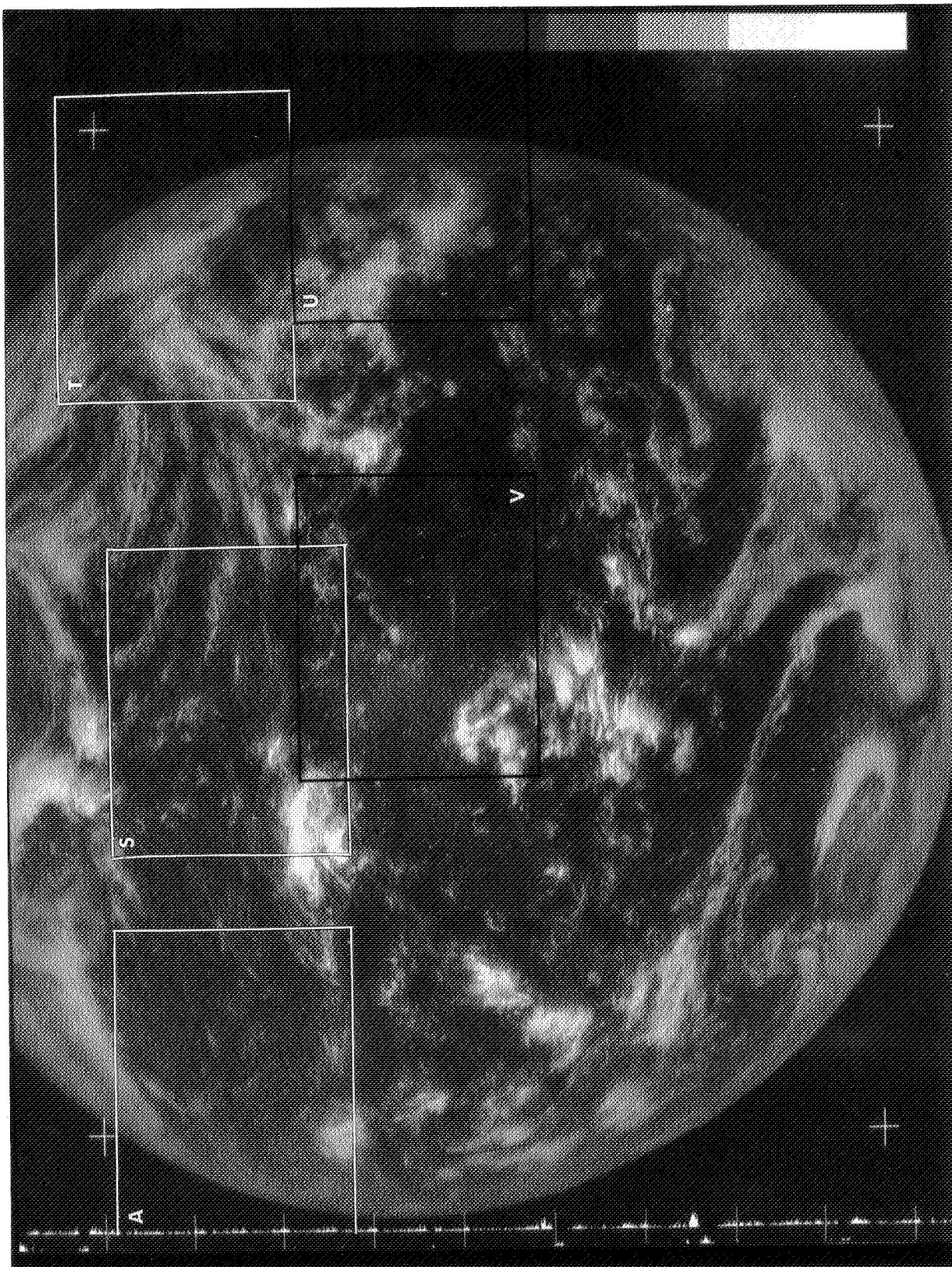
ATS-I 9 MAR 69 21 32 39 Z SEQ 5

10 Mar 69

SSP 150.10 W 1.37 S

Seq	Start Time			Remarks
1	00	18	20	Electronic Interference
2	00	42	00	Electronic Interference
3	21	17	40	Slight Phasing Error
4	21	41	20	Slight Phasing Error
5	22	20	40	Slight Phasing Error
6	22	44	30	Slight Phasing Error
7	23	08	10	Slight Phasing Error
8	23	31	50	Slight Phasing Error Emulsion Tear
9	23	55	40	Slight Phasing Error





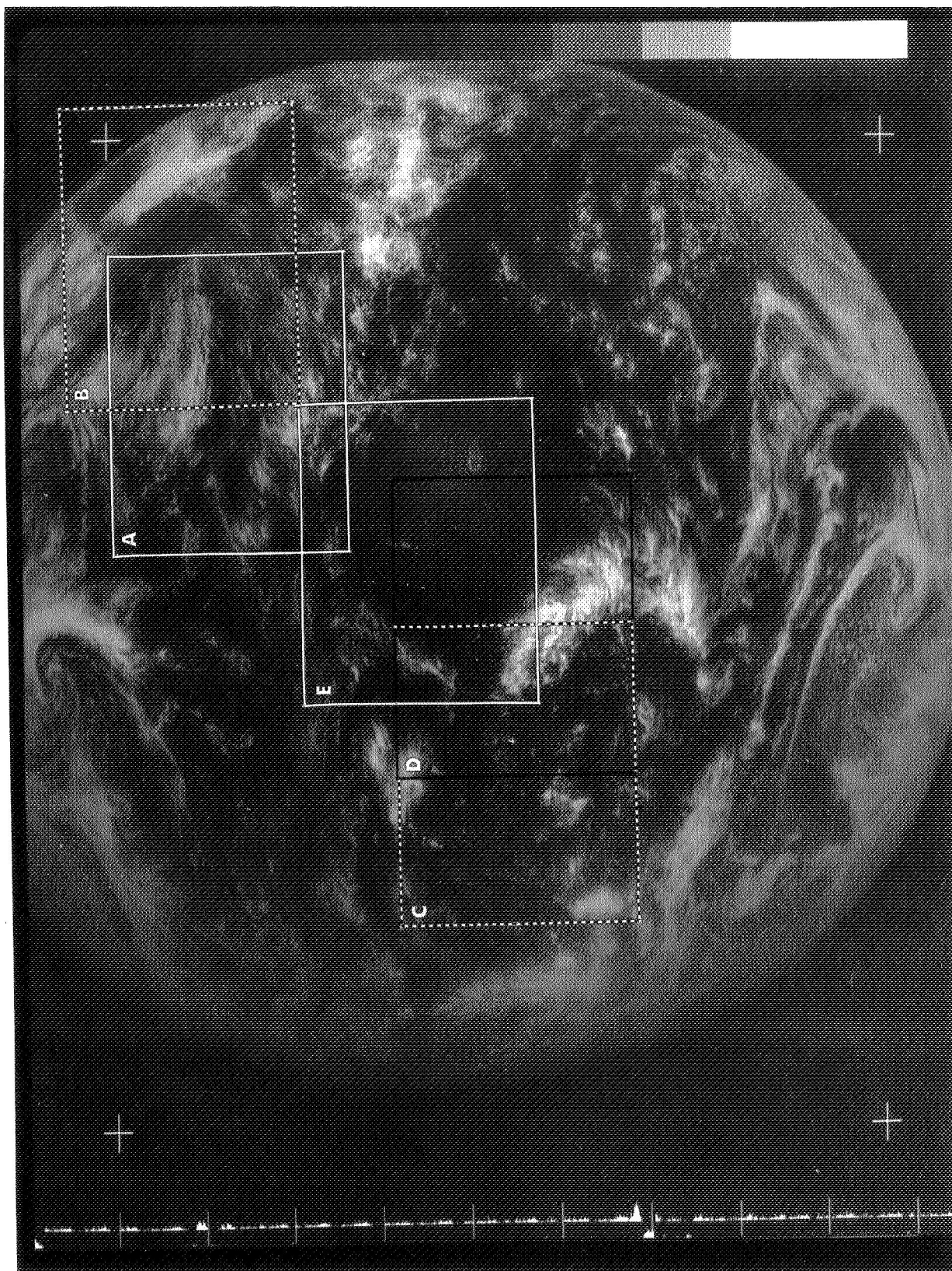
ATS-I 10 MAR 69 22 20 40 Z SEQ 5



11 Mar 69

SSP 150.08 W 1.38 S

Seq	Start Time			Remarks
1	00	19	11	Slight Phasing Error
2	16	14	00	Slight Phasing Error
3	16	38	00	Slight Phasing Error
4	17	01	24	Slight Phasing Error
5	17	25	05	Slight Phasing Error
6	20	27	10	Slight Phasing Error Picture Offset to Right

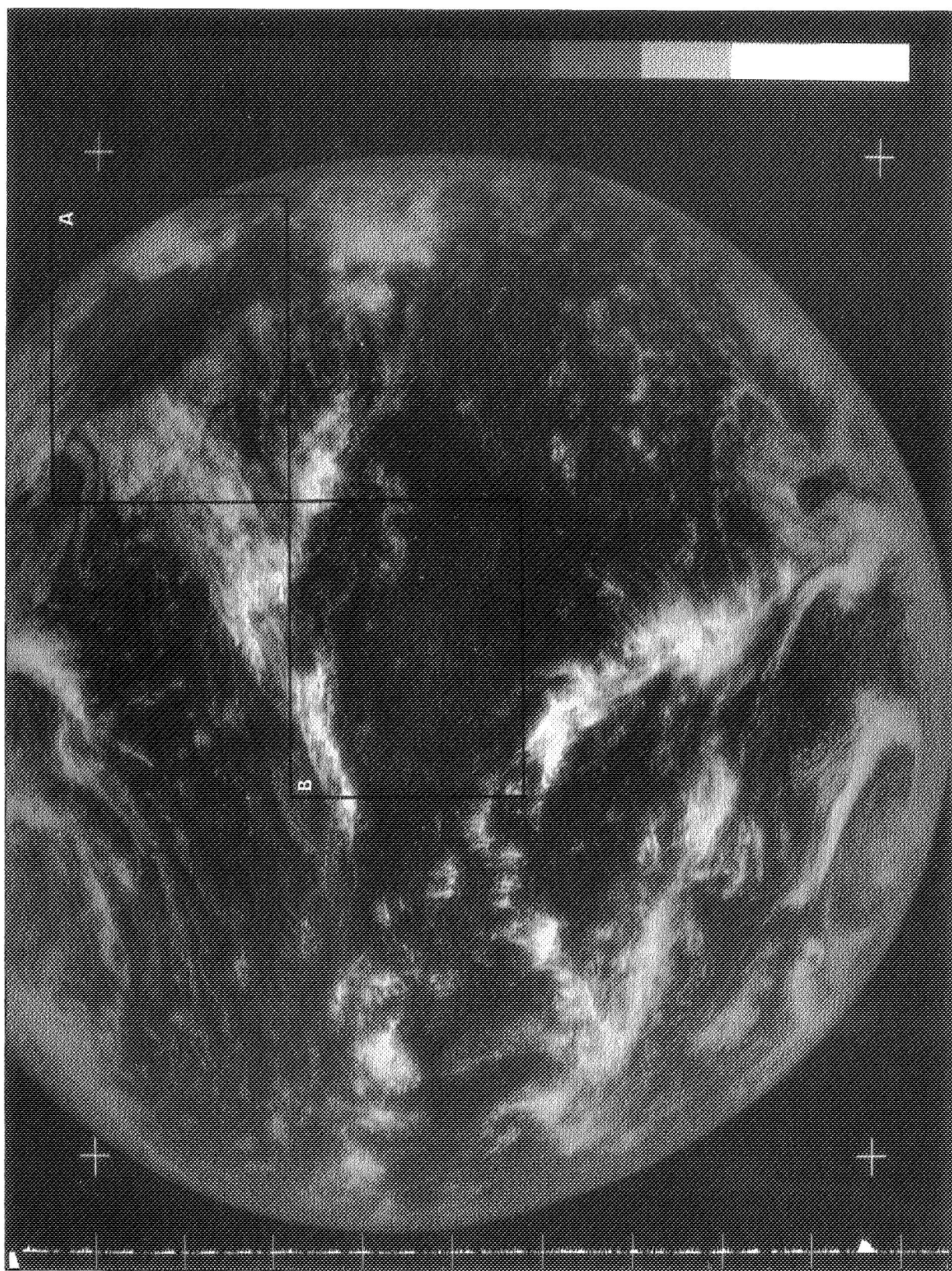


ATS-I 11 MAR 69 20 27 10 Z SEQ 6

12 Mar 69

SSP 150.06 W 1.39 S

Seq	Start Time			Remarks
1	16	39	30	Slight Phasing Error
2	17	11	40	Slight Phasing Error
3	17	35	20	Slight Phasing Error
4	20	43	50	Slight Phasing Error
5	21	07	30	Slight Phasing Error
6	21	31	17	Slight Phasing Error
7	21	55	00	Slight Phasing Error
8	22	18	40	Slight Phasing Error
9	22	42	24	Slight Phasing Error
10	23	06	00	Slight Phasing Error
11	23	29	45	Slight Phasing Error
12	23	53	24	Slight Phasing Error



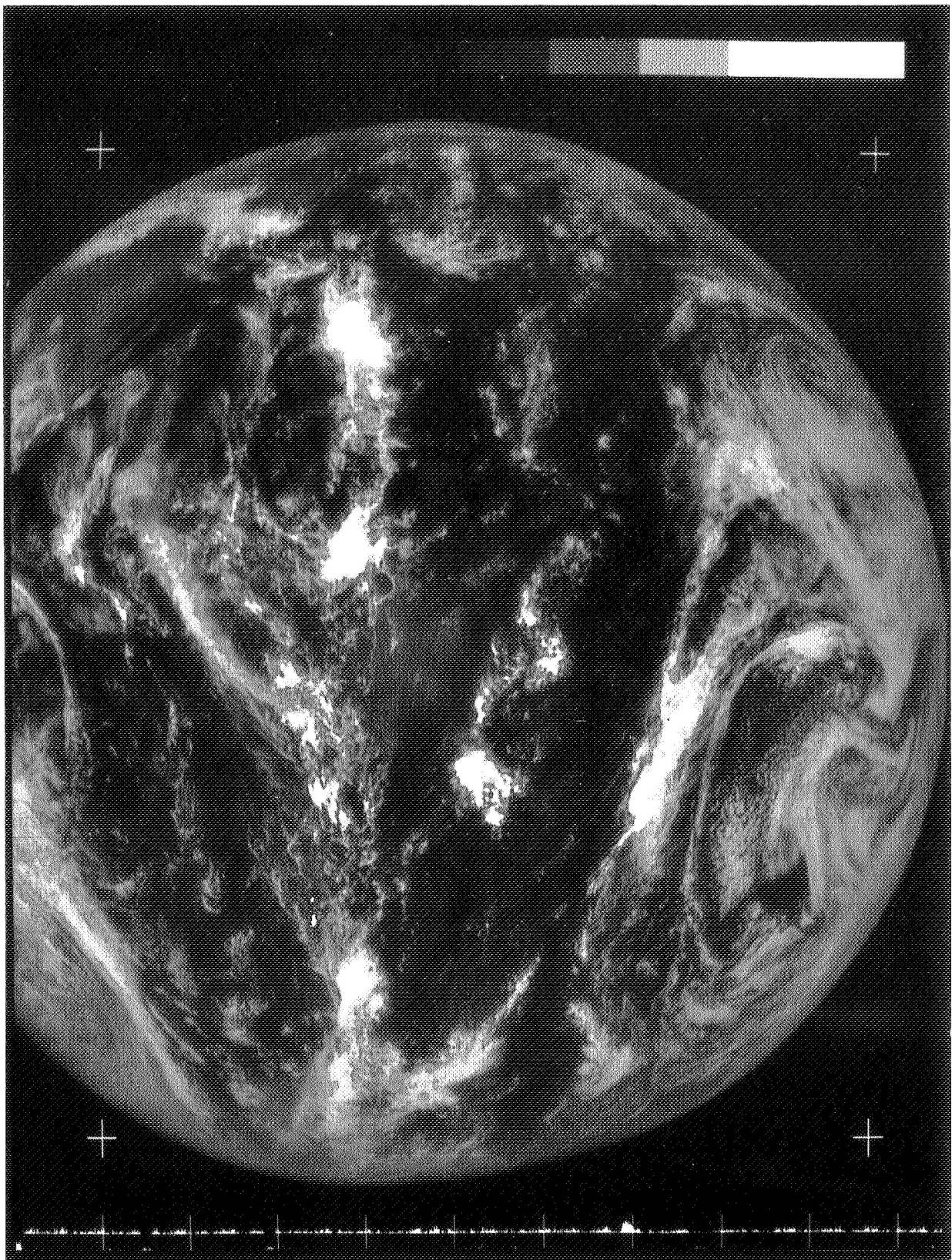
ATS-I 12 MAR 69 21 55 00 Z SEQ 7

18 Mar 69

SSP 149.96 W 1.40 S

Seq	End Time	Remarks
1	20 34 03	Slight Phasing Error
2	20 57 44	Slight Phasing Error
3	21 21 25	Slight Phasing Error
4	21 45 06	Slight Phasing Error
5	22 08 47	Slight Phasing Error
6	22 32 28	Slight Phasing Error 3/4 Scan
7	22 56 09	Slight Phasing Error





ATS-I 18 MAR 69 21 45 06 Z SEQ 4

19 Mar 69                      SSP 149.93 W 1.40 S

Seq	Start Time	Remarks
1	00 34 55	Slight Phasing Error



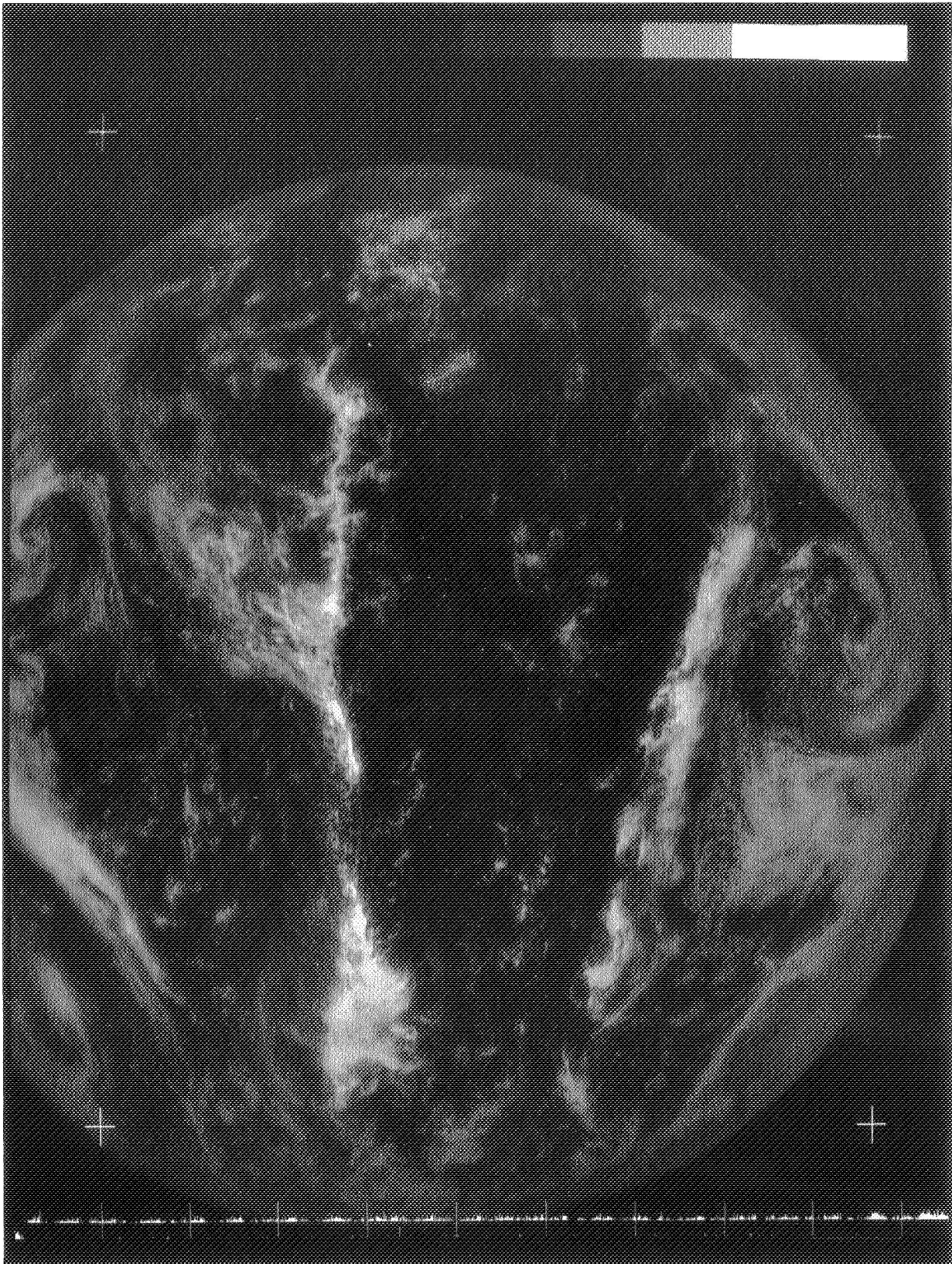
ATS-I 19 MAR 69 00 34 55 Z SEQ 1

20 Mar 69

SSP 149.89 W 1.40 S

Seq	Start Time			Remarks
1	20	28	17	Electronic Interference Phasing Error
2	20	51	59	Electronic Interference Phasing Error
3	21	15	42	Electronic Interference Phasing Error
4	21	39	24	Electronic Interference Phasing Error
5	22	03	08	Electronic Interference Phasing Error
6	22	26	49	Electronic Interference Phasing Error
7	22	50	06	Electronic Interference Phasing Error





ATS-I 20 MAR 69 21 39 24 Z SEQ 4



21 Mar 69

SSP 149.86 W 1.40 S

Seq

Start Time

Remarks

1

00 55 00

Electronic Interference Phasing Error

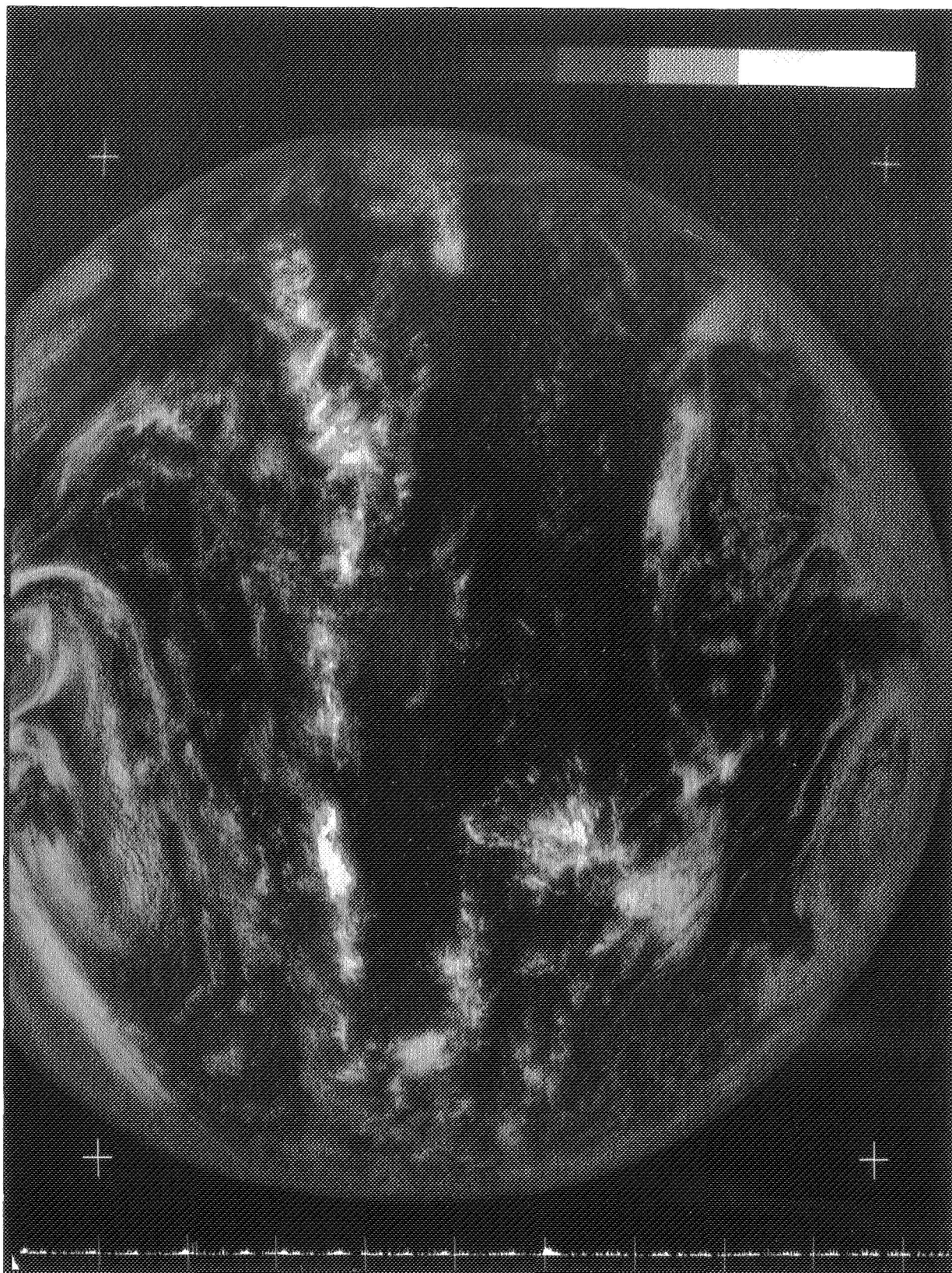


ATS-1 21 MAR 69 00 55 00 Z SEQ 1

24 Mar 69

SSP 149.74 W 1.40 S

Seq	Start Time			Remarks
1	00	46	00	Electronic Interference Phasing Error
2	20	43	02	Phasing Error
3	21	06	46	Phasing Error
4	21	49	22	Phasing Error
5	22	13	04	Phasing Error
6	22	36	44	Phasing Error
7	23	00	30	Phasing Error
8	23	24	10	Phasing Error



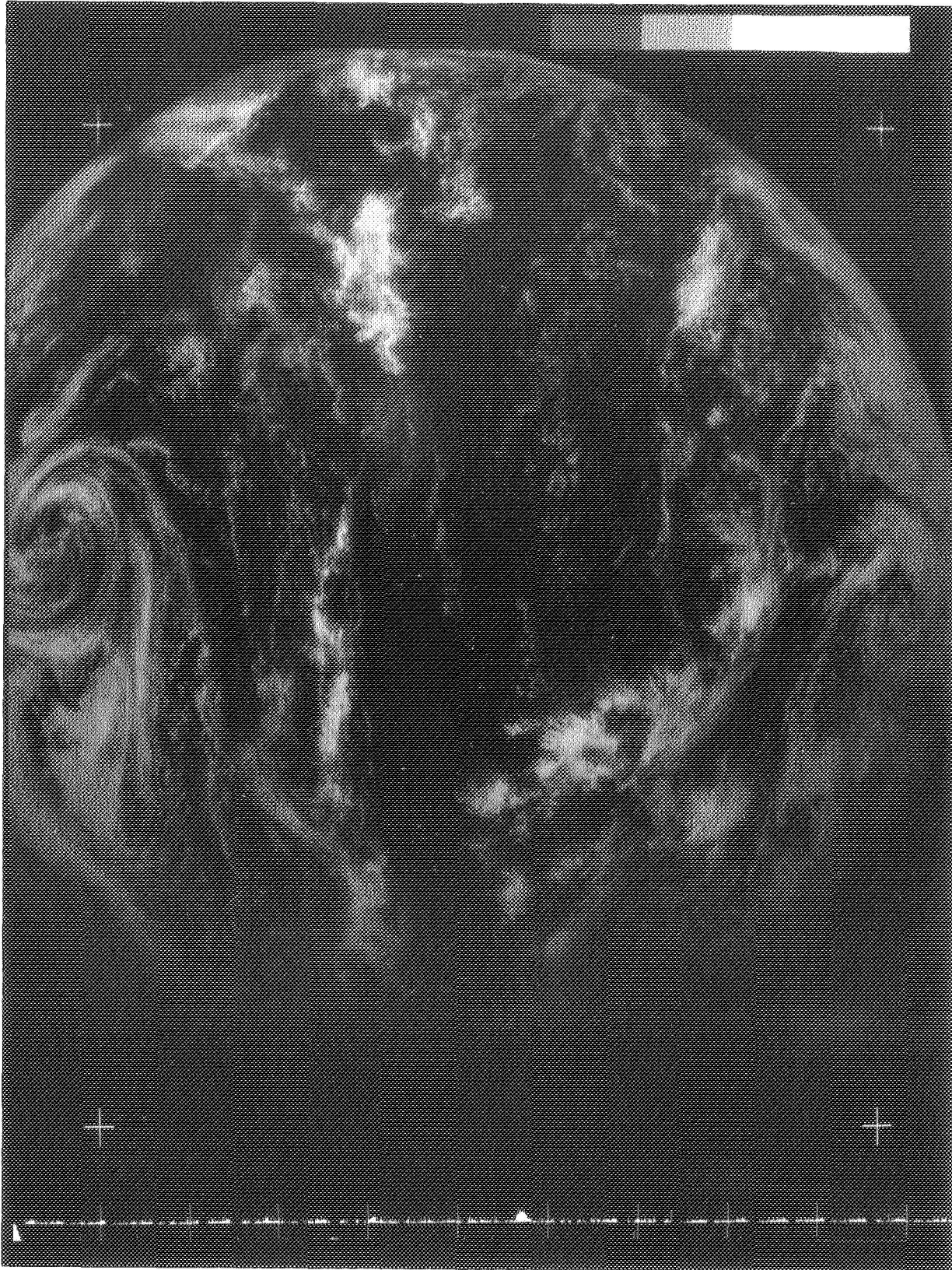
ATS-1 24 MAR 69 21 49 22 Z SEQ 4

25 Mar 69

SSP 149.70 W 1.39 S

Seq	Start Time	Remarks
1	00 33 40	Electronic Interference Phasing Error
2	19 59 09	Electronic Interference Phasing Error



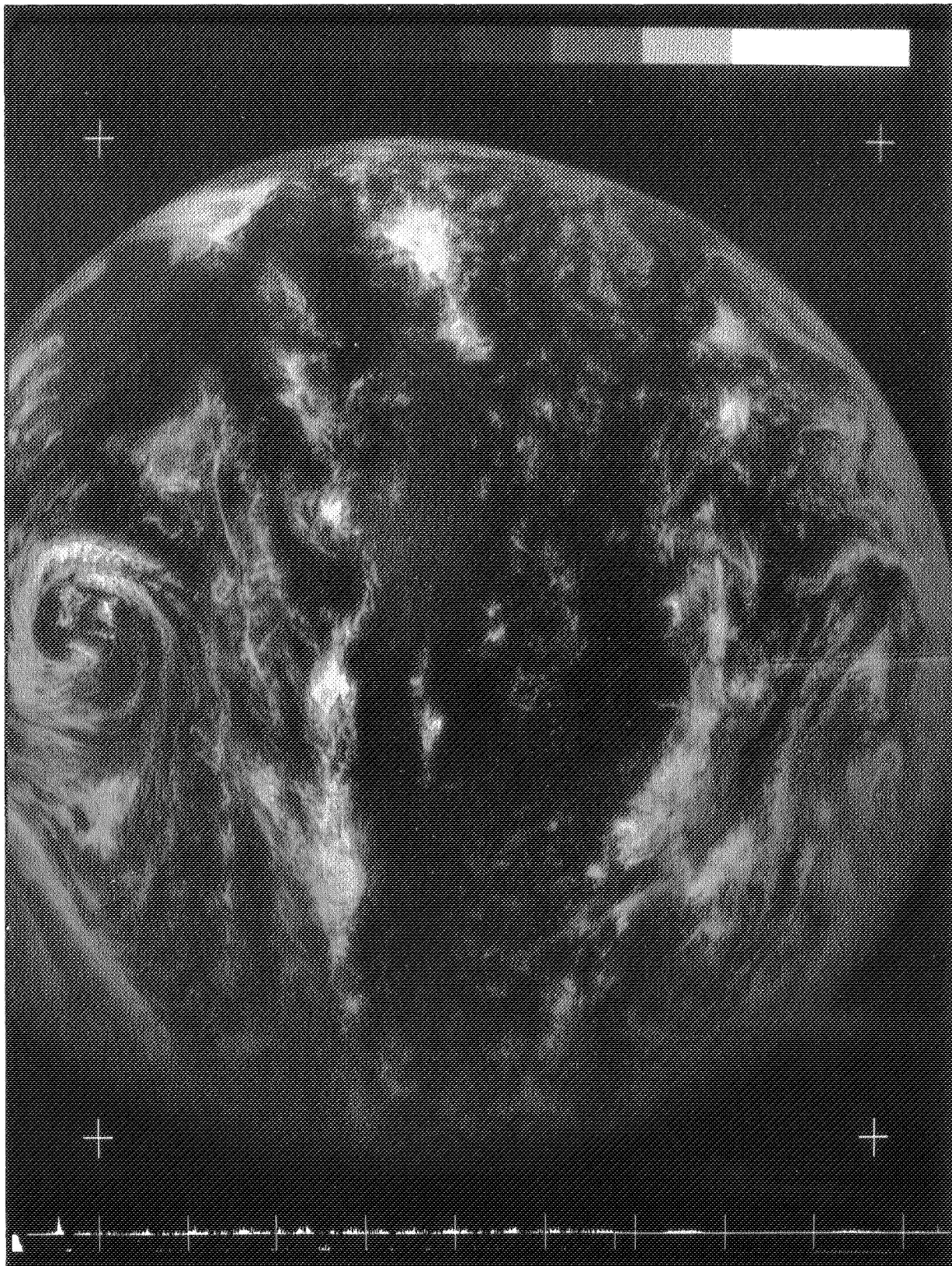


ATS-I 25 MAR 69 19 59 09 Z SEQ 2

26 Mar 69

SSP 149.98 W 1.40 S

Seq	Start Time	Remarks
1	00 36 15	
2	20 04 55	



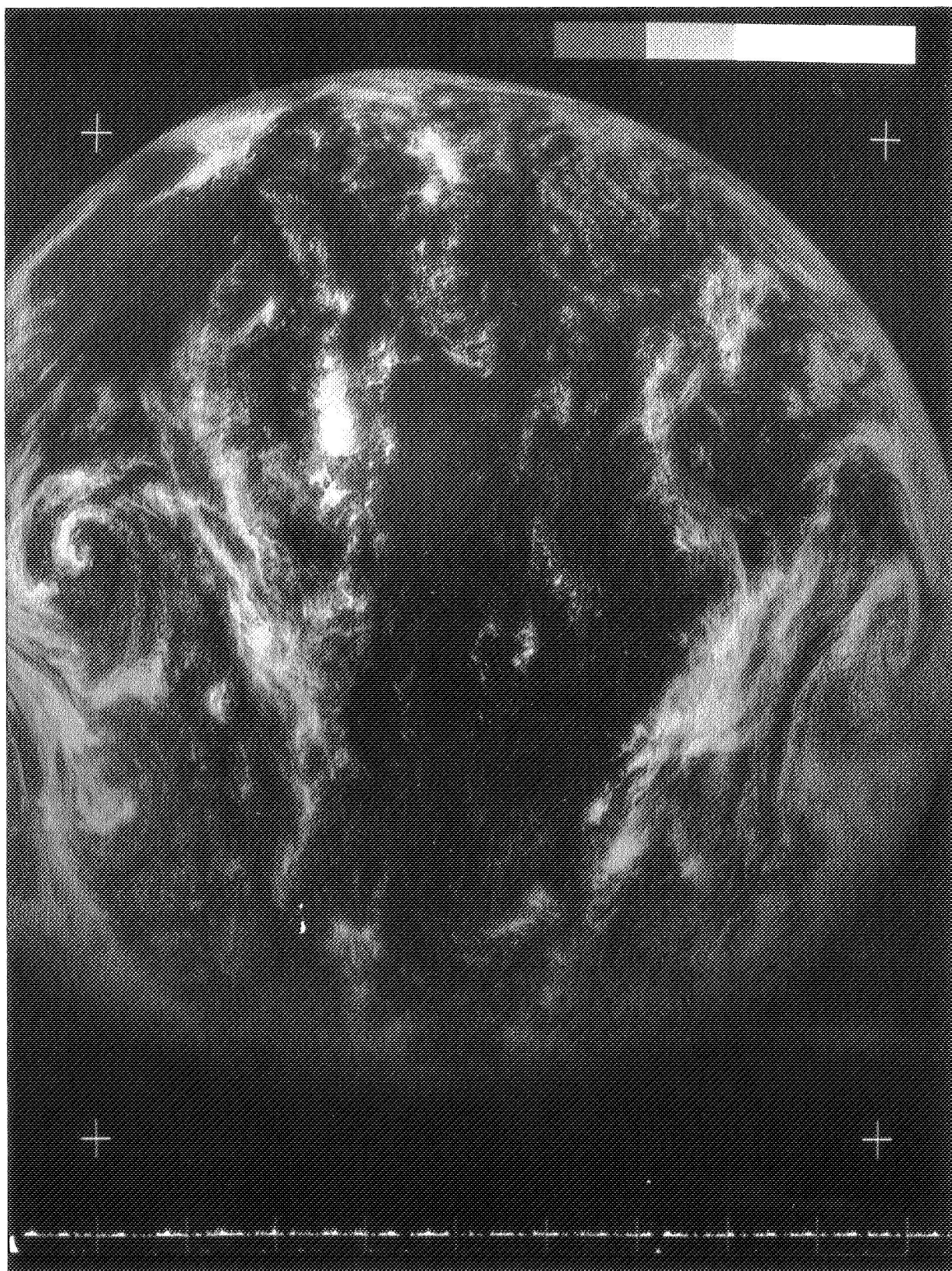
ATS-I 26 MAR 69 20 04 55 Z SEQ 2

27 Mar 69

SSP 149.98 W 1.39 S

Seq	Start Time	Remarks
1	00 38 22	
2	19 58 20	





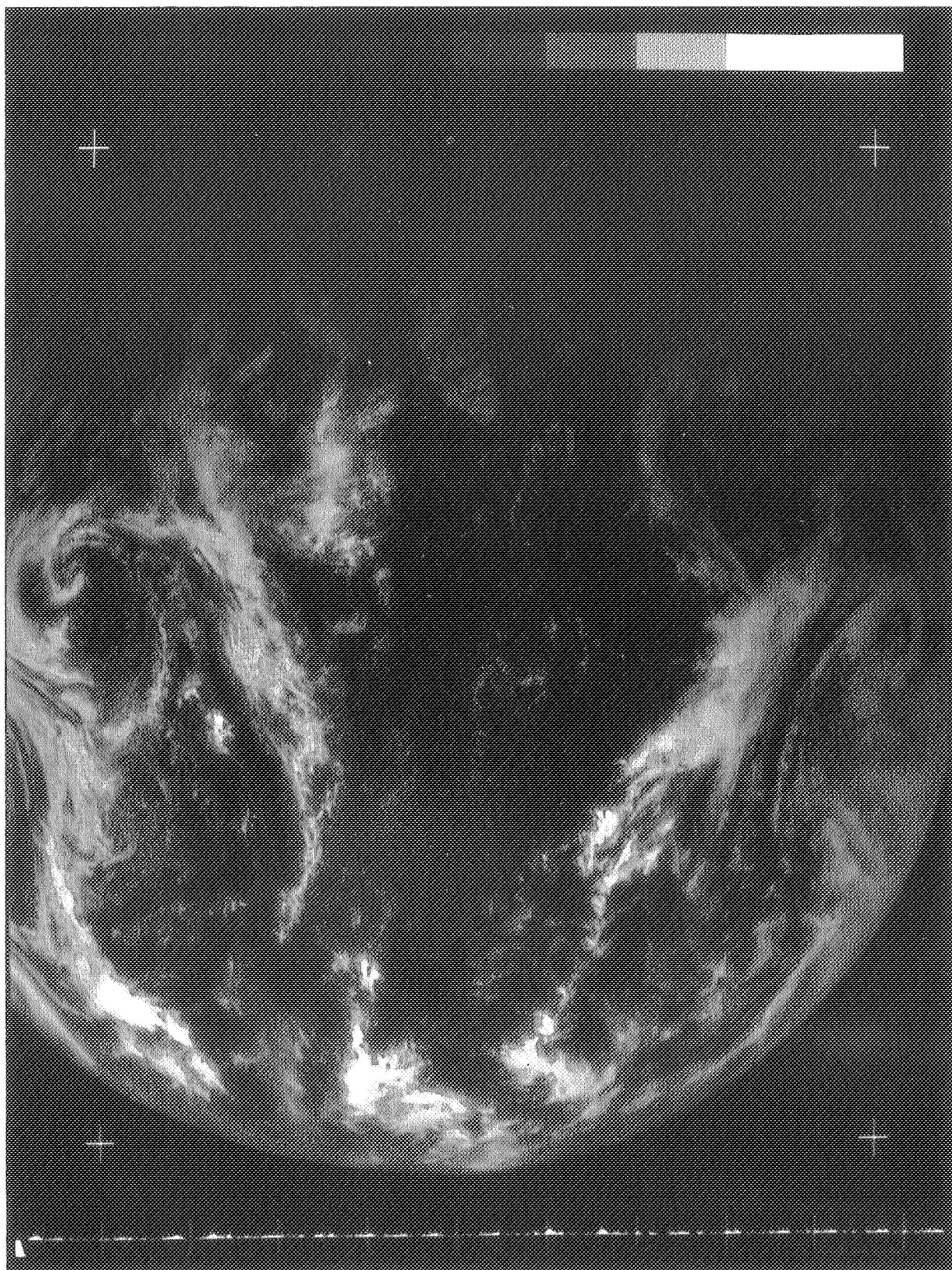
ATS-1 27 MAR 69 19 58 20 Z SEQ 2



28 Mar 69

SSP 149.99 W 1.39 S

Seq	Start Time	Remarks
1	00 30 33	Poor Contrast

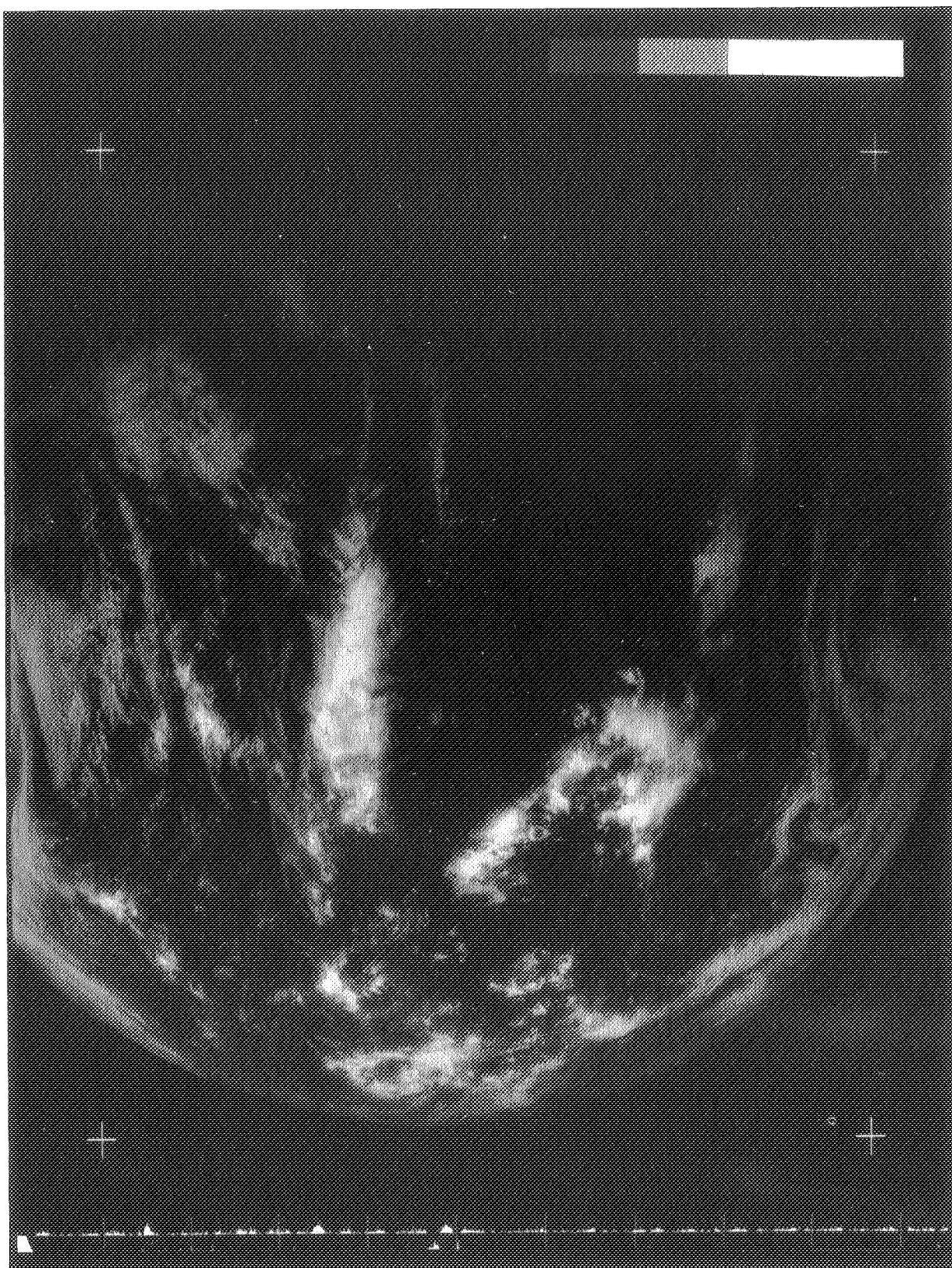


ATS-I 28 MAR 69 00 30 33 Z SEQ 1

31 Mar 69

SSP 150.00 W 1.38 S

Seq	Start Time	Remarks
1	00 38 18	Poor Contrast Electronic Interference



ATS-I 31 MAR 69 00 38 18 Z SEQ 1





## SECTION 4

### THE ATS-I SSCC TAPE LISTINGS

Analog and digital listings included in this section were compiled by the University of Wisconsin.

For information relative to format, availability or cost, contact:

The University of Wisconsin  
ATS Program Manager  
Space Science and Engineering Center  
1225 West Dayton Street  
Madison, Wisconsin 53706  
Area Code 608-262-1023

ATS-I SSCC ANALOG DATA TAPES  
ON FILE AT UNIVERSITY OF WISCONSIN

Reel & Track No.	Day	Time Hr.      Min.		Sequence No.	Remarks
<hr/>					
Reel 64					
Track 1		Empty			
Track 2	032/8	20	48	M1	
	032/8	22	04	M2	
	032/8	22	28	M3	
	033/8	20	52	M1	
	034/8	20	58	M1	
Track 5	036/8	01	45	M1	
	036/8	18	08	M2	
	036/8	21	20	M3	
	036/8	21	44	M4	
	037/8	01	41	M1	
Track 7	037/8	13	14	M2	
	037/8	13	38	M3	
	037/8	14	02	M4	
	037/8	14	25	M5	
	037/8	14	49	M6	
	037/8	15	13	M7	
	037/8	15	36	M8	
	037/8	16	00	M9	
<hr/>					
Reel 65					
Track 1		Empty			
Track 2	037/8	17	34	M13	
	037/8	17	38	M14	
	037/8	18	22	M15	
	037/8	18	45	M16	
	037/8	19	10	M17	
	037/8	19	33	M18	
	037/8	19	57	M19	
	037/8	20	20	M20	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	037/8	21	07	M22	
	037/8	21	31	M23	
	037/8	21	55	M24	
	037/8	22	18	M25	
	037/8	22	42	M26	
	037/8	23	06	M27	
	037/8	23	29	M28	
	037/8	23	53	M29	
Track 7	038/8	00	40	M2	
	038/8	01	04	M3	
	038/8	01	27	M4	
	038/8	01	51	M5	
	038/8	02	15	M6	
	038/8	02	38	M7	
	038/8	03	02	M8	
	038/8	03	26	M9	
<hr/>					
Reel 66					
Track 1		Empty			
Track 2	038/8	03	49	M10	
	038/8	04	13	M11	
	038/8	04	37	M12	
	038/8	04	59	M13	
	038/8	05	24	M14	
	038/8	05	37	M15	
	038/8	06	11	M16	
	038/8	06	35	M17	
Track 5	038/8	19	57	M19	
	038/8	20	20	M20	
	038/8	20	50	M21	
	039/8	00	23	M1	
	039/8	21	03	M2	
	040/8	20	37	M1	
	040/8	21	00	M2	
<hr/>					
Track 7		Empty			

Reel & Track No.	Day	Time Hr.      Min.		Sequence No.	Remarks
<hr/>					
Reel 67					
Track 1		Empty			
Track 2	045/8	21	12	M1	
	046/8	21	01	M1	
	047/8	21	25	M1	
Track 5	048/8	18	20	M1	
	048/8	21	37	M5	
Track 7	048/8	20	50	M2	
	048/8	21	14	M3	
	048/8	21	37	M4	
<hr/>					
Reel 68					
Track 1		Empty			
Track 2	049/8	01	17	M1	
	049/8	01	46	M2	
	050/8	21	30	M2	
	050/8	21	54	M3	
	051/8	18	13	M1	
	051/8	21	01	M2	
	051/8	21	25	M3	
	051/8	21	48	M4	
	052/8	02	01	M1	
Track 5	052/8	18	12	M1	
	053/8	18	13	M1	
	053/8	20	34	M2	
	054/8	02	01	M1	
Track 7	054/8	21	25	M2	
	054/8	21	49	M3	
	054/8	22	13	M4	
	055/8	21	03	M1	
	055/8	21	26	M2	
	055/8	21	50	M3	
	055/8	22	14	M4	
	055/8	22	37	M5	
<hr/>					

Reel & Track No.	Day	Time Hr.      Min.		Sequence No.	Remarks
<hr/>					
Reel 69					
Track 1		Empty			
Track 2	057/8	02	14	M1	
Track 5	058/8	02	23	M1	
	058/8	21	39	M2	
	058/8	22	03	M3	
	058/8	22	26	M4	
	058/8	22	50	M5	
	059/8	02	16	M1	
	059/8	02	36	M2	
Track 7	062/8	21	24	M1	
	062/8	21	47	M2	
	062/8	22	11	M3	
	062/8	22	34	M4	
	063/8	18	11	M1	
<hr/>					
Reels 70-78 omitted through error. The next reel was erroneously labeled 79 and reel numbers continue from there.					
<hr/>					
Reel 79					
Track 1		Empty			
Track 2	065/8	20	40	M1	
	065/8	20	58	M1	
	065/8	21	22	M2	
	066/8	21	14	M1	
Track 5		Empty			
Track 7		Empty			
<hr/>					
Reel 80					
Track 1		Empty			
Track 2	073/8	21	24	M1	
	073/8	21	47	M2	
	073/8	22	11	M3	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 2	073/8	22	35	M4	
	073/8	22	58	M5	
Track 5		Empty			
Track 7		Empty			
<hr/>					
Reel 81					
Track 1		Empty			
Track 2	074/8	18	17	M2	
	074/8	18	32	M3	
	074/8	20	46	M4	
	074/8	21	10	M5	
	074/8	21	57	M6	
	074/8	22	20	M7	
	074/8	22	44	M8	
	074/8	23	08	M9	
Track 5	075/8	02	10	M1	
	075/8	06	40	M2	
	075/8	18	51	M3	
	075/8	20	48	M4	
	075/8	21	12	M5	
	075/8	21	36	M6	
	075/8	21	59	M7	
	075/8	22	23	M8	
Track 7	075/8	22	53	M9	
	076/8	02	17	M1	
	076/8	21	53	M5	
	076/8	22	16	M6	
	076/8	22	40	M7	
	076/8	23	04	M8	
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Reel 82					
Track 1		Empty			
Track 2	077/8	18	22	M1	
	077/8	21	27	M2	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 2	078/8	18	09	M1	
	078/8	20	39	M2	
	078/8	21	04	M3	
	078/8	21	08	M4	
	078/8	22	51	M5	
	078/8	22	15	M6	
Track 5	078/8	23	02	M8	
	079/8	01	04	M1	
	079/8	18	13	M2	
	079/8	20	39	M3	
	079/8	21	02	M4	
	079/8	21	26	M5	
	079/8	21	50	M6	
	079/8	22	13	M7	
Track 7	080/8	01	16	M1	
	080/8	18	35	M2	
	080/8	20	48	M3	
	080/8	21	11	M4	
	080/8	21	35	M5	
	080/8	21	59	M6	
	080/8	22	22	M7	
	080/8	22	46	M8	
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Reel 83					
Track 1		Empty			
Track 2	081/8	01	25	M1	
	081/8	01	56	M2	
	081/8	18	10	M3	
	086/8	18	16	M1	
	086/8	20	44	M2	
	086/8	21	06	M3	
	086/8	21	30	M4	
	086/8	21	53	M5	
	086/8	22	18	M6	
Track 5	087/8	01	16	M1	
	087/8	18	29	M2	
	087/8	20	48	M3	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	087/8	21	12	M4	
	087/8	21	36	M5	
	087/8	21	59	M6	
	087/8	22	23	M7	
Track 7	088/8	01	17	M1	
	088/8	18	16	M2	
	088/8	20	59	M3	
	088/8	21	19	M4	
	088/8	21	43	M5	
	089/8	01	12	M1	
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Reel 84					
Track 1		Empty			
Track 2	090/8	18	26	M2	
	090/8	20	43	M3	
	090/8	21	07	M4	
	090/8	21	30	M5	
	090/8	21	54	M6	
	090/8	22	17	M7	
Track 5	091/8	18	07	M1	
	091/8	20	41	M2	
	091/8	21	04	M3	
	091/8	21	28	M4	
	091/8	21	52	M5	
	091/8	22	16	M6	
	091/8	22	39	M7	
	091/8	23	03	M8	
Track 7	089/8	18	20	M2	
	089/8	20	47	M3	
	089/8	21	10	M4	
	089/8	21	34	M5	
	089/8	21	59	M6	
	089/8	22	21	M7	
	090/8	03	13	M1	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 85					
Track 1		Empty			
Track 2	095/8	21	37	M1	
	096/8	20	49	M1	
	096/8	21	37	M2	
	096/8	22	05	M3	
	096/8	22	29	M4	
	096/8	22	52	M5	
	096/8	23	16	M6	
Track 5	097/8	18	15	M1	
	098/8	20	58	M1	
	098/8	21	22	M2	
	098/8	21	45	M3	
	098/8	22	09	M4	
	098/8	22	32	M5	
Track 7	099/8	18	27	M1	
	099/8	21	00	M2	
	099/8	21	23	M3	
	099/8	21	47	M4	
	099/8	22	11	M5	
	099/8	22	34	M6	
	099/8	22	58	M7	
	099/8	23	22	M8	
Reel 86					
Track 1		Empty			
Track 2	100/8	13	52	M1	
	100/8	14	16	M2	
	100/8	14	39	M3	
	100/8	15	03	M4	
	100/8	15	27	M5	
	100/8	16	08	M6	
	100/8	16	32	M7	
Track 5	100/8	17	19	M9	
	100/8	17	42	M10	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	100/8	18	06	M11	
	100/8	18	30	M12	
	100/8	18	54	M13	
	100/8	19	17	M14	
	100/8	19	41	M15	
	100/8	20	04	M16	
Track 7	100/8	20	52	M18	
	100/8	21	15	M19	
	100/8	21	39	M20	
	100/8	22	03	M21	
	100/8	22	26	M22	
	100/8	22	50	M23	
	100/8	23	14	M24	
	100/8	23	37	M25	
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Reel 87					
Track 1		Empty			
Track 2	101/8	00	25	M2	
	101/8	00	49	M3	
	101/8	01	12	M4	
	101/8	01	36	M5	
	101/8	01	59	M6	
	101/8	02	25	M7	
	101/8	02	49	M8	
Track 5	101/8	03	36	M10	
	101/8	04	00	M11	
	101/8	04	24	M12	
	101/8	04	47	M13	
	101/8	05	11	M14	
	101/8	05	35	M15	
	101/8	05	58	M16	
	101/8	06	22	M17	
Track 7	101/8	18	19	M19	
	101/8	20	42	M20	
	101/8	21	05	M21	
	101/8	21	29	M22	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 7	101/8	21	53	M23	
	101/8	22	16	M24	

Reel 88

Track 1 Empty

Track 3	102/8	18	16	M1
	103/8	18	09	M1
	103/8	20	51	M2
	103/8	21	14	M3
	103/8	21	38	M4
	103/8	22	02	M5
	103/8	22	25	M6

Track 5	104/8	18	09	M1
	104/8	20	19	M2
	104/8	20	42	M3
	104/8	21	06	M4
	104/8	21	30	M5
	104/8	21	53	M6
	104/8	22	17	M7
	104/8	22	41	M8

Track 7	105/8	01	16	M1
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Reel 89

Track 1 Empty

Track 3	105/8	18	05	M2
	106/8	21	07	M1
	106/8	21	31	M2
	106/8	21	55	M3
	106/8	22	18	M4
	106/8	22	42	M5
	106/8	23	06	M6

Track 5	107/8	18	11	M1
	107/8	21	08	M2
	107/8	21	32	M3
	107/8	21	56	M4

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	107/8	22	19	M5	
	107/8	22	43	M6	
Track 7	108/8	18	08	M1	
	108/8	21	12	M2	
	108/8	21	36	M3	
	108/8	22	00	M4	
	109/8	18	17	M1	

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Reel 90

Track 1                      Empty

Track 3	109/8	21	05	M2
	109/8	21	29	M3
	109/8	21	52	M4
	109/8	22	16	M5
	109/8	22	40	M6
	109/8	23	03	M7
	110/8	00	28	M1

Track 5	110/8	18	07	M2
	110/8	21	06	M3
	111/8	01	12	M1
	111/8	18	11	M2
	111/8	20	19	M3
	111/8	20	43	M4
	111/8	21	06	M5

Track 7	111/8	22	11	M7
	111/8	22	35	M8
	112/8	01	04	M1
	112/8	18	15	M2
	112/8	20	51	M3
	112/8	21	26	M4

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Reel 91

Track 1                      Empty

Track 3	118/8	04	46	M1
	118/8	18	09	M2
	118/8	20	47	M3

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 3	118/8	21	10	M4	
	118/8	21	34	M5	
	118/8	21	58	M6	
	118/8	22	21	M7	
	118/8	22	45	M8	
Track 5	119/8	20	42	M1	
	119/8	21	05	M2	
	119/8	21	29	M3	
	119/8	21	53	M4	
	119/8	22	16	M5	
	119/8	22	40	M6	
	119/8	23	40	M7	
Track 7	120/8	04	41	M1	
<hr/>					
Reel 92	120/8	18	09	M2	
	120/8	20	37	M3	
	120/8	21	01	M4	
	120/8	21	25	M5	
	120/8	21	48	M6	
	120/8	22	12	M7	
	120/8	22	36	M8	
	120/8	22	59	M9	
	121/8	01	11	M1	
	121/8	18	20	M2	
	122/8	03	35	M1	
	122/8	21	11	M2	
	123/8	18	13	M1	
	123/8	20	39	M2	
	123/8	21	03	M3	
	123/8	21	27	M4	
	123/8	22	14	M6	
	123/8	22	37	M7	
	123/8	23	01	M8	
	124/8	18	09	M1	
	124/8	21	05	M2	
	124/8	21	28	M3	

Reel & Track No.	Day	Time Hr.      Min.		Sequence No.	Remarks
	124/8	21	52	M4	Tracks on this tape unknown.
	124/8	22	16	M5	
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Reel 93					
Track 1		Empty			
Track 3	125/8	21	09	M1	
	127/8	21	09	M1	
	128/8	18	11	M1	
	128/8	20	36	M2	
	128/8	21	00	M3	
	128/8	21	24	M4	
	128/8	21	47	M5	
	128/8	22	11	M6	
Track 5	128/8	22	58	M8	
	129/8	03	37	M1	
Track 7	124/8	22	03	M7	
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Reel 94					
Track 1		Empty			
Track 3	132/8	18	10	M1	
	132/8	20	42	M2	
	132/8	21	08	M3	
	132/8	21	40	M4	
	132/8	22	04	M5	
	132/8	22	28	M6	
	132/8	22	51	M7	
	132/8	23	15	M8	
Track 5	136/8	03	15	M1	
	136/8	18	18	M2	
	136/8	20	35	M3	
	136/8	21	20	M4	
	136/8	21	44	M5	
	137/8	04	22	M1	
Track 7	137/8	13	58	M2	
	137/8	14	21	M3	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 7	137/8	14	45	M7	
	137/8	15	16	M5	
	137/8	15	40	M6	
	137/8	16	05	M7	
	137/8	16	29	M8	
Reel 95					
Track 1		Empty			
Track 3	137/8	19	47	M9	
	137/8	20	10	M10	
	137/8	20	34	M11	
	137/8	20	58	M12	
	137/8	21	21	M13	
	137/8	21	45	M14	
	137/8	22	08	M15	
	137/8	22	32	M16	
Track 5		Empty			
Track 7		Empty			
Reel 96					
Track 1		Empty			
Track 3	140/8	04	06	M1	
	141/8	18	24	M1	
	141/8	20	28	M2	
	141/8	20	52	M3	
	141/8	21	16	M4	
	141/8	21	55	M5	
	141/8	22	19	M6	
	141/8	22	43	M7	
	141/8	rewind		M8	
Track 5	138/8	18	07	M1	
	138/8	20	31	M2	
	138/8	20	55	M3	
	138/8	21	18	M4	
	138/8	21	42	M5	
	138/8	22	06	M6	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	138/8	22	29	M7	
	138/8	22	53	M8	
Track 7	139/8	04	32	M1	
	139/8	18	04	M2	
	139/8	20	36	M3	
	139/8	21	00	M4	
	139/8	21	23	M5	
	139/8	21	47	M6	
	139/8	22	11	M7	
	139/8	22	34	M8	
	139/8	rewind		M9	
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Reel 97					
Track 1		Empty			
Track 3	142/8	03	11	M1	
	144/8	03	10	M1	
	144/8	18	18	M2	
Track 5	144/8	20	25	M3	
	144/8	20	43	M4	
	144/8	21	07	M5	
	144/8	21	31	M6	
	144/8	21	55	M7	
	144/8	22	18	M8	
	144/8	22	42	M9	
Track 7	145/8	02	51	M1	
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Reel 98					
Track 1		Empty			
Track 3	153/8	18	09	M1	
	153/8	20	22	M2	
	153/8	20	45	M3	
	153/8	21	09	M4	
	153/8	21	33	M5	
	153/8	21	56	M6	
	153/8	22	20	M7	
	153/8	22	44	M8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	156/8	21	09	M1	
	158/8	03	41	M1	
	158/8	18	17	M2	
	158/8	20	44	M3	
	158/8	21	07	M4	
	158/8	21	31	M5	
	158/8	21	55	M6	
	158/8	22	18	M7	
Track 7	160/8	03	29	M1	
Reel 99					
Track 1	160/8	13	56	M2	
	160/8	14	19	M3	
	160/8	14	40	M4	
	160/8	15	06	M5	
	160/8	15	30	M6	
	160/8	15	54	M7	
	160/8	16	17	M8	
	160/8	16	41	M9	
Reel 100					
Track 1		Empty			
Track 3	160/8	17	28	M10	
	160/8	17	52	M11	
	160/8	18	15	M12	
	160/8	18	39	M13	
	160/8	19	03	M14	
	160/8	19	27	M15	
	160/8	19	50	M16	
	160/8	20	14	M17	
Track 5	160/8	21	01	M19	
	160/8	21	25	M20	
	160/8	21	49	M21	
	160/8	22	12	M22	
	160/8	22	36	M23	
	160/8	23	00	M24	
	160/8	23	23	M25	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 7	161/8	00	34	M28	
	161/8	00	58	M29	
	161/8	01	22	M30	
	161/8	01	45	M31	
	161/8	02	09	M32	
	161/8	02	33	M33	
	161/8	02	56	M34	
	161/8	03	20	M35	
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Reel 101					
Track 1		Empty			
Track 3	161/8			M39	
	162/8	15	50	M92	
	162/8	16	13	M93	
	162/8	16	37	M94	
	162/8	17	01	M95	
	162/8	17	27	M96	
	162/8	17	51	M97	
	162/8	18	15	M98	
Track 5	162/8	19	02	M100	
	162/8	19	26	M101	
	162/8	19	49	M102	
	162/8	20	13	M103	
	162/8	20	37	M104	
	162/8	21	01	M105	
	162/8	21	24	M106	
	162/8	21	48	M107	
Track 7	162/8	22	35	M109	
	162/8	22	59	M110	
	162/8	23	23	M111	
	162/8	23	46	M112	
	163/8	00	10	M113	
	163/8	00	33	M114	
	163/8	00	57	M115	
	163/8	01	21	M116	
	163/8	01	44	M117	

Reel & Track No.	Day	Time Hr.      Min.		Sequence No.	Remarks
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Reel 102					
Track 1		Empty			
Track 3	163/8	02	08	M118	
	163/8	02	32	M119	
	163/8	02	55	M120	
	163/8	03	19	M121	
	163/8	03	43	M122	
	163/8	04	06	M123	
	163/8	04	30	M124	
	163/8	04	54	M125	
Track 5	163/8	05	41	M127	
	163/8	06	05	M128	
	163/8	06	28	M129	
	166/8	21	09	M1	
	167/8	17	41	M1	
	167/8	20	56	M2	
	167/8	21	20	M3	
	167/8	21	44	M4	
Track 7	167/8	22	31	M6	
	167/8	22	54	M7	
	168/8	03	17	M1	
	169/8	17	47	M1	
	169/8	19	11	M2	
	169/8	19	35	M3	
	169/8	19	59	M4	
	169/8	20	22	M5	
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Reel 103					
Track 1	169/8	21	09	M7	
	169/8	21	33	M8	
	169/8	21	57	M9	
	169/8	22	21	M10	
	170/8	19	11	M1	
	170/8	19	35	M2	
	170/8	19	58	M3	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 3	170/8	21	33	M7	
	170/8	21	57	M8	
	170/8	22	20	M9	
	171/8	21	25	M1	
	172/8	19	17	M1	
	172/8	19	41	M2	
	172/8	20	05	M3	
	172/8	20	28	M4	
Track 5	173/8	19	15	M1	
	173/8	19	39	M2	
	173/8	20	03	M3	
	173/8	20	26	M4	
	173/8	20	50	M5	
	173/8	21	14	M6	
	173/8	21	38	M7	
	173/8	22	01	M8	
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Reel 104					
Track 1		Empty			
Track 3	174/8	21	05	M2	
	176/8	21	18	M1	
	179/8	03	30	M1	
	183/8			M1	
	183/8			M2	
	183/8	21	06	M1	
	183/8	21	30	M2	
	183/8	21	54	M3	
Track 5	184/8	04	12	M1	
	184/8	21	11	M2	
	185/8	04	07	M1	
	185/8	17	59	M2	
	185/8	21	29	M3	
	185/8	20	52	M4	
	185/8	21	16	M5	
	185/8	21	40	M6	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 7	185/8	22	30	M8	
	185/8	22	56	M9	
	186/8	04	48	M1	
	186/8	21	06	M2	
	187/8	04	14	M1	
	187/8	04	38	M2	
	187/8	17	37	M3	
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Reel 105					
Track 1		Empty			
Track 3	189/8	21	19	M1	
	190/8	21	18	M1	
	191/8	04	37	M1	
	191/8	17	30	M2	
	191/8	20	54	M3	
	191/8	12	18	M4	
	191/8	21	41	M5	
Track 5	191/8	22	28	M7	
	191/8	22	52	M8	
	193/8	04	07	M1	
	193/8			M2	
	193/8	20	32	M3	
	193/8	20	56	M4	
	193/8	21	20	M5	
	193/8	21	43	M6	
Track 7	193/8	22	35	M8	
	193/8	22	59	M9	
	194/8	20	55	M1	
	195/8	14	25	M1	
	195/8	14	49	M2	
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Reel 106					
Track 1	195/8	16	07	M3	
	195/8	16	30	M4	
	195/8	16	54	M5	
	195/8	17	18	M6	
	195/8	17	41	M7	
	195/8	18	05	M8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 1	195/8	18	29	M9	
	195/8	18	52	M10	
Track 3	195/8	19	40	M12	
	195/8	20	03	M13	
	195/8	20	27	M14	
	195/8	20	51	M15	
	195/8	21	14	M16	
	195/8	21	38	M17	
	195/8	22	02	M18	
	195/8	22	25	M19	
Track 5	196/8	00	26	M1	
	196/8	00	49	M2	
	196/8	01	13	M3	
	196/8	01	37	M4	
	196/8	02	00	M5	
	196/8	02	24	M6	
	196/8	02	48	M7	
	196/8	03	11	M8	
Track 7	196/8	04	23	M11	
	196/8	04	46	M12	
	196/8	05	10	M13	
	196/8	05	34	M14	
	196/8	05	57	M15	
	196/8	06	21	M16	
	196/8	06	45	M17	
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Reel 107					
Track 1	197/8	04	09	M1	
	203/8	04	26	M1	
	203/8	21	36	M2	
	205/8	17	38	M1	
	205/8	20	56	M2	
	206/8	04	00	M1	
Track 3	No video on this track due to equipment problems.				
Track 5	206/8	19	44	M10	
	206/8	20	05	M11	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 5	206/8	20	26	M12	
	206/8	20	50	M13	
	206/8	21	10	M14	
	206/8	21	31	M15	
	206/8	21	51	M16	
Track 7	206/8	22	45	M18	Pic starts at line 800
	207/8	04	28	M1	
	207/8	20	50	M2	
	207/8	21	15	M3	
	207/8	21	39	M4	
Reel 108					
Track 1	207/8	22	26	M6	
	207/8	22	49	M7	
	207/8	23	13	M8	
	208/8	04	20	M1	
	208/8	21	02	M2	
	209/8	17	36	M1	
	209/8	21	05	M2	
Track 3	211/8	03	55	M1	
	215/8	03	48	M1	
Track 5	Empty				
Track 7	Empty				
Reel 109					
Track 1	216/8	03	41	M1	
	216/8	21	16	M2	
	219/8	22	08	M1	
	219/8	22	22	M2	
	219/8	22	38	M3	
	219/8	22	53	M4	
	219/8	23	08	M5	
	219/8	23	21	M6	
	219/8	23	34	M7	
	219/8	23	48	M8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 3	220/8	03	24	M1	
	220/8	03	44	M2	
	220/8	03	58	M3	
	220/8	04	11	M4	
	220/8	04	26	M5	
	220/8	04	38	M6	
	220/8	04	51	M7	
	220/8	05	05	M8	
	220/8	05	18	M9	
	220/8	05	31	M10	
	220/8	05	44	M11	
	220/8	05	57	M12	
	220/8	06	10	M13	
Track 5	220/8	06	37	M15	
	220/8	06	50	M16	
Track 7	221/8	17	04	M4	
	221/8	17	28	M5	
	221/8	19	05	M6	
	221/8	19	29	M7	
	221/8	19	52	M8	
	221/8	20	16	M9	
	221/8	20	40	M10	
<hr/>					
Reel 110					
Track 1	221/8	21	27	M12	
	221/8	21	51	M13	
	221/8	22	14	M14	
	221/8	22	38	M15	
	222/8	16	07	M1	
	222/8	16	34	M2	
	222/8	17	04	M3	
	222/8	17	28	M4	
Track 3	222/8	19	00	M5	
	222/8	19	23	M6	
	222/8	20	33	M7	
	222/8	20	58	M8	
	222/8	21	21	M9	
	222/8	21	44	M10	

Reel & Track No.	Day	Time Hr. Min.	Sequence No.	Remarks
Track 3	222/8	22 08	M11	
	222/8	22 32	M12	
Track 5	224/8	21 30	M1	
	225/8	00 24	M1	
	225/8	00 48	M2	
	225/8	03 35	M4	
	225/8	16 21	M5	
	225/8	16 44	M6	
	225/8	17 08	M7	
	225/8	19 02	M8	
Track 7	225/8	20 42	M9	Tape broke.
Reel 111				
Track 1	229/8	04 02	M1	
	229/8	22 15	M2	
	230/8	21 49	M1	
	231/8	18 01	M1	
	231/8	21 06	M2	
Track 3		Empty		
Track 5		Empty		
Track 7		Empty		
Reel 112				
Track 1	232/8	19 15	M1	
	232/8	22 06	M2	
	233/8	22 02	M1	
	234/8	21 42	M1	
	235/8	20 55	M1	
	236/8	22 38	M1	
	236/8	23 01	M2	
Track 3	237/8	22 03	M1	
	237/8	22 27	M2	
	237/8	22 50	M3	
	238/8	21 51	M1	Pic skewed; restart
	238/8	22 14	M1	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 3	238/8	22	38	M2	
	238/8	23	01	M3	
	238/8	23	25	M4	
Track 5		Empty			
Track 7		Empty			
<hr/>					
Reel 113					
Track 1		Empty			
Track 3	241/8	22	22	M1	
	241/8	21	58	M2	
	242/8	21	58	M1	
	243/8	22	00	M1	
	244/8	22	02	M1	
	245/8	21	59	M1	
	245/8	22	26	M2	
	246/8	22	19	M1	
Track 5	247/8	22	05	M1	
	250/8	22	38	M1	
	251/8	22	10	M1	
	252/8	22	18	M1	
	253/8	22	11	M1	
	254/8	21	54	M1	
<hr/>					
Reel 114					
Track 1	256/8	16	15	M1	
	256/8	16	38	M2	
	256/8	17	02	M3	
	256/8	17	26	M4	
	256/8	17	49	M5	
	256/8	18	13	M6	
	256/8	18	36	M7	
	256/8	19	00	M8	
Track 3	256/8	20	11	M11	
	256/8	20	50	M12	
	256/8	21	14	M13	
	256/8	21	34	M14	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 3	256/8	22	01	M15	
	256/8	22	25	M16	
	256/8	22	46	M17	
	256/8	23	12	M18	
Track 5	257/8	21	50	M5	
	257/8	22	14	M6	
	257/8	22	37	M7	
	257/8	23	01	M8	
	258/8	22	04	M1	
	258/8	22	28	M2	
Track 7	258/8	23	15	M4	
	258/8	23	39	M5	
	259/8	00	02	M1	
	259/8	00	26	M2	
	259/8	21	50	M3	
	260/8	21	53	M1	
	261/8	22	13	M1	
	262/8	22	50	M1	
Reel 115		Missing			
Reel 116					
Track 1	271/8	21	39	M1	
	274/8	21	31	M1	
	275/8	22	14	M1	
Track 3	276/8	22	43	M1	
	277/8	23	14	M1	
	278/8	15	28	M1	
	278/8	16	59	M2	
	278/8	17	23	M3	
Track 5	278/8	21	50	M4	
	278/8	22	16	M5	
	278/8	23	35	M6	
	281/8	02	17	M1	
	281/8	02	43	M2	
	281/8	03	07	M3	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Track 7	281/8	17	57	M6	
	281/8	18	21	M7	
<hr/>					
Reel 117					
Track 1	287/8	00	49	M1	
	287/8	02	44	M2	
	287/8	04	10	M3	
	287/8	16	49	M4	
	287/8	18	39	M5	
	287/8	20	06	M6	
	288/8	00	45	M1	
	288/8	04	14	M2	
Track 3	288/8	16	45	M3	
	288/8	18	20	M4	
	288/8	19	55	M5	
	288/8	21	29	M6	
	289/8	00	35	M1	
	289/8	04	20	M2	
	289/8	16	56	M3	
	289/8	18	37	M4	
Track 5	289/8	20	19	M5	
	290/8	04	15	M2	
	290/8	16	38	M3	
	290/8	18	37	M4	
	290/8	20	21	M5	
	291/8	00	49	M1	
	291/8	04	16	M2	
Track 7	291/8	16	56	M3	
	291/8	18	37	M4	
	291/8	20	19	M5	
	291/8	21	46	M6	
	292/8	00	03	M1	
	292/8	02	55	M2	
	292/8	16	54	M3	
	292/8	18	35	M4	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 118					
Track 1	292/8	20	16	M5	
	292/8	22	00	M6	
	293/8	00	32	M1	
	293/8	02	55	M2	
	293/8	16	36	M3	
	293/8	18	35	M4	
	293/8	20	20	M5	
	293/8	22	00	M6	
Track 3	294/8	00	32	M1	
	294/8	02	58	M2	
	294/8	16	36	M3	
	294/8	18	30	M4	
	294/8	20	23	M5	
	294/8	21	56	M6	
	295/8	00	26	M1	
	295/8	03	18	M2	
Track 5	295/8	16	35	M3	
	295/8	18	35	M4	
	295/8	20	26	M5	
	295/8	22	00	M6	
	296/8	00	05	M1	
	296/8	03	16	M2	
	296/8	16	32	M3	
Track 7	296/8	20	52	M4	
	296/8	21	16	M5	
	296/8	21	40	M6	
	296/8	22	03	M7	
	296/8	22	28	M8	
	296/8	22	51	M9	
	296/8	23	14	M10	
	297/8	03	30	M1	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 119					
Track 1	297/8	20	42	M2	
	297/8	21	06	M3	
	297/8	21	29	M4	
	297/8	21	53	M5	
	297/8	22	17	M6	
	297/8	22	41	M7	
	297/8	23	04	M8	
	298/8	03	24	M1	
Track 3	299/8	18	17	M1	
	299/8	21	07	M2	
	299/8	21	31	M3	
	299/8	21	55	M4	
	299/8	22	21	M5	
	299/8	22	45	M6	
	299/8	23	09	M7	
Track 5	300/8	03	24	M1	
	300/8	16	36	M2	
Track 7	Empty				

ATS-I SSCC DIGITAL DATA TAPES  
ON FILE AT UNIVERSITY OF WISCONSIN

Local Date	Greenwich Day	Picture Start Time Hr. Min. Sec.	Tape ID
November 9, 1967	313	21 02 22	ATSB-560
November 10, 1967	314	21 36 00	ATSB-559
	314	22 23 13	ATSB-562
November 12, 1967	316	21 19 24	ATSB-630
	316	22 06 39	ATSB-558
November 14, 1967	318	21 18 36	ATSB-629
	318	22 05 51	ATSB-631
November 15, 1967	319	22 00 42	ATSB-551
	319	22 48 00	ATSB-579
November 16, 1967	320	19 04 25	ATSB-567
	320	21 31 00	ATSB-568
November 18, 1967	322	14 56 55	ATSB-574
	322	16 31 29	ATSB-552
	322	17 18 45	ATSB-553
	322	18 53 10	ATSB-555
	322	19 40 35	ATSB-554
	322	20 27 43	ATSB-565
	322	21 15 03	ATSB-588
	322	22 02 22	ATSB-581
	322	22 49 30	ATSB-557
	323	01 23 11	ATSB-569
	323	02 27 27	ATSB-575
	323	04 01 51	ATSB-566
	323	04 49 14	ATSB-609
	323	05 36 29	ATSB-570
	323	06 23 46	ATSB-563
November 19, 1967	323	17 22 24	ATSB-583
	323	18 09 40	ATSB-564
	323	23 16 55	ATSB-556
	324	00 04 05	ATSB-582
	324	05 42 11	ATSB-584

Local Date	Greenwich Day	Picture Start Time			Tape ID
		Hr.	Min.	Sec.	
November 20, 1967	324	21	36	06	ATSB-610
	324	22	23	20	ATSB-372
	324	23	10	37	ATSB-571
November 21, 1967	325	18	17	14	ATSB-573
	325	20	50	00	ATSB-578
	325	22	00	51	ATSB-576
	325	22	48	06	ATSB-577
November 22, 1967	326	18	10	50	ATSB-585
	326	20	53	06	ATSB-587
	326	22	27	36	ATSB-586
November 23, 1967	327	18	14	36	ATSB-591
	327	21	48	25	ATSB-592
November 25, 1967	329	18	11	50	ATSB-593
November 26, 1967	330	21	16	19	ATSB-611
	330	22	03	35	ATSB-594
November 27, 1967	331	23	19	12	ATSB-595
December 3, 1967	337	18	11	44	ATSB-596
	337	21	48	17	ATSB-597
	337	22	35	33	ATSB-598
December 7, 1967	341	18	24	53	ATSB-633
December 9, 1967	343	18	22	03	ATSB-599
December 10, 1967	344	18	00	49	ATSB-600
	344	22	38	56	ATSB-601
December 13, 1967	347	18	16	16	ATSB-632
December 18, 1967	352	21	09	40	ATSB-602
December 19, 1967	354	00	34	06	ATSB-603
December 21, 1967	355	23	02	27	ATSB-614



Local Date	Greenwich Day	Picture Start Time			Tape ID
		Hr.	Min.	Sec.	
December 23, 1967	357	21	23	40	ATSB-627
	357	21	47	18	ATSB-626
	358	08	13	30	ATSB-628
	358	08	32	40	ATSB-638
January 3, 1968	004	02	39	01	ATSB-615
	004	03	26	21	ATSB-616
	004	04	13	37	ATSB-617
	004	05	00	52	ATSB-618
	004	05	48	10	ATSB-612
	004	06	35	24	ATSB-613
January 5, 1968	005	14	30	40	ATSB-622
	005	15	18	00	ATSB-621
	005	16	05	18	ATSB-620
	005	17	36	58	ATSB-619
	005	18	24	10	ATSB-623
	005	19	11	35	ATSB-643
	005	19	58	50	ATSB-642
	005	21	09	50	ATSB-641
	005	22	20	44	ATSB-640
	005	23	08	00	ATSB-639
	005	23	55	15	ATSB-637
	006	02	17	20	ATSB-636
	006	03	04	32	ATSB-635
	006	03	51	43	ATSB-634
January 14, 1968	014	19	28	42	ATSB-648
	014	20	39	37	ATSB-625
January 16, 1968	016	19	46	48	ATSB-624
January 17, 1968	017	22	17	15	ATSB-644
	017	21	30	00	ATSB-646
January 18, 1968	018	21	41	51	ATSB-647
January 27, 1968	027	20	04	02	ATSB-645
January 29, 1968	029	20	02	59	ATSB-656

Local Date	Greenwich Day	Picture Start Time			Tape ID
		Hr.	Min.	Sec.	
February 5, 1968	036	21	20	48	ATSB-655
February 6, 1968	037	13	14	54	ATSB-651
	037	14	02	11	ATSB-652
	037	14	49	26	ATSB-653
	037	15	36	49	ATSB-654
April 30, 1968	122	03	35	45	ATSB-658
May 1, 1968	122	21	11	34	ATSB-657
June 1, 1968	153	18	09	15	ATSB-650
	153	20	45	57	ATSB-649
June 15, 1968	167	17	41	12	ATSB-661
July 14, 1968	197	04	09	12	ATSB-659
January 22, 1969	022	12	40	06	ATSB-673
	022	13	00	00	ATSB-674

PART II

THE ATS-III METEOROLOGICAL DATA CATALOG

1 January 1969  
through  
31 July 1969



## SECTION 1

### INTRODUCTION

The Multicolor Spin Scan Cloud Camera (MSSCC) performed without significant degradation of picture quality throughout the period. The red channel remains inoperative but false color photographs may be produced using the "pseudo-red" technique described in Volume III of the ATS catalog series. The green channel continues to provide excellent black and white photographic data.

ATS-III obtained 3050 black and white MSSCC pictures and 141 IDCS pictures during the catalog period. Of these, 107 MSSCC and 5 IDCS photographs were either rejected or classed as only partially successful.

The spacecraft was beset by erratic antenna performance on 5 May and by 28 May the problem had progressed to the point that no pictures could be taken. The antenna was stopping and starting continuously and its position, therefore, was never known with certainty. The antenna was finally mechanically locked, on 30 May, into alignment with the MSSCC lens and picture taking was resumed. This locked position continued through 31 July. With the antenna in a locked position it was impossible to record IDCS data from 30 May 1969 to the end of the catalog period.

The Sensory Catalog ATS (SCATS) program modifications described in Section 1, Introduction to the ATS-I section of this catalog also pertain to ATS-III data.

ATS-III meteorological data were not recorded on the following dates, due primarily to spacecraft scheduling complexities:

January	MSSCC	1-8, 10-19, 21, 24-28, 30, 31
	IDCS	1-7, 9-31
February	MSSCC	1-3, 5, 7, 8, 10, 13, 15, 17, 19, 27, 28
	IDCS	1-5, 7-11, 13-23
March	MSSCC	4, 5, 7, 13-20, 22, 26, 30
	IDCS	13-18, 20-25, 27-31
April	MSSCC	2, 3, 5, 9-12, 14, 15, 19-28, 30
	IDCS	1-30

May	MSSCC	24-27, 29, 30
	IDCS	1-11, 13, 16, 24-31
June	MSSCC	None missing
	IDCS	1-30
July	MSSCC	9, 25
	IDCS	1-31

The ATS-III satellite has undergone continuing maneuvers in order to meet experiment requirements. Table 1-1 lists these maneuvers. Discretion must be used in the selection of geographic grids for use with photographs taken during maneuver periods. Reference to the Sub-satellite Point in the daily data listings will be an aid in this selection.

Table 1-1  
Spacecraft Maneuvers

<u>Date</u>	<u>Time (Z)</u>	<u>Purpose</u>
20 January 1969	1200	Stop westward drift
7 February 1969	1200-2100	Test of satellite's "B" system for impulse/pulse
14 February 1969	0030	Attitude correction
14 February 1969	0200	E-W station keeping
9 May 1969	1000	E-W station keeping
29 May 1969	1800	Move satellite from 73° W longitude to 47° W longitude
1 July 1969	1400	E-W station keeping
11 July 1969	1300	E-W station keeping

On 19 June 1969 a new Annotation Code was adapted for use with digitized MSSCC photographs. The 35-bit code permits the placing of the following information on the picture:

- a. Year (two least significant digits)



- b. Day of year
- c. Hours
- d. Minutes
- e. Optional code (0-9)

Logical "ones" are indicated by tall vertical bars and logical "zeroes" by short bars. Figures 1-1 and 1-2 show the new code and the older code. Figure 1-1, the new code, shows a picture whose legend decodes as Year "69", Day "170" (19 June), Hours "10", Minutes "25" and Optional Code "3". Figure 1-2, the older code, decodes as Day "091" (1 April 1970), Time "174559" (Hours, minutes, seconds of Universal time). The optional code figures of the new code and the data following the time are of primary interest to operations personnel. Either the new method or the old (described on page 24, par 3.4.3.4 of Volume II, this catalog series) may be encountered on an individual photograph, depending upon its source.

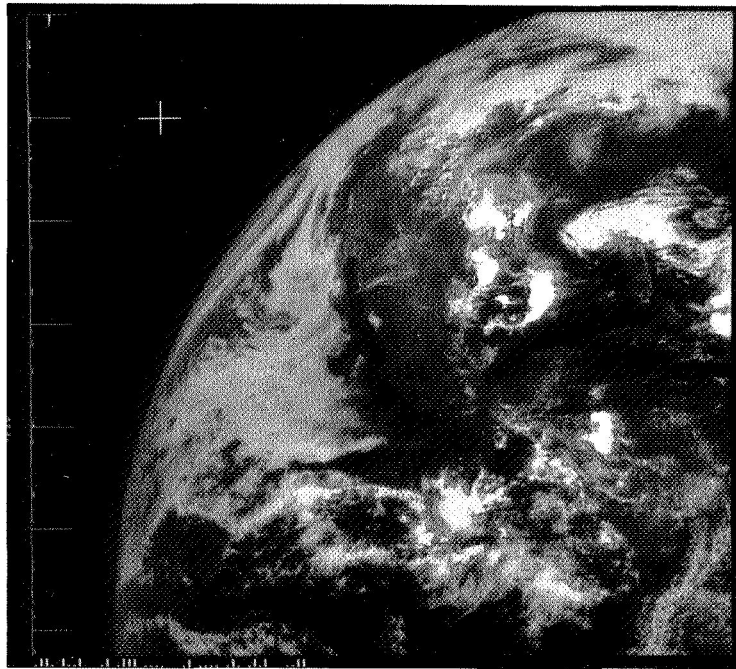
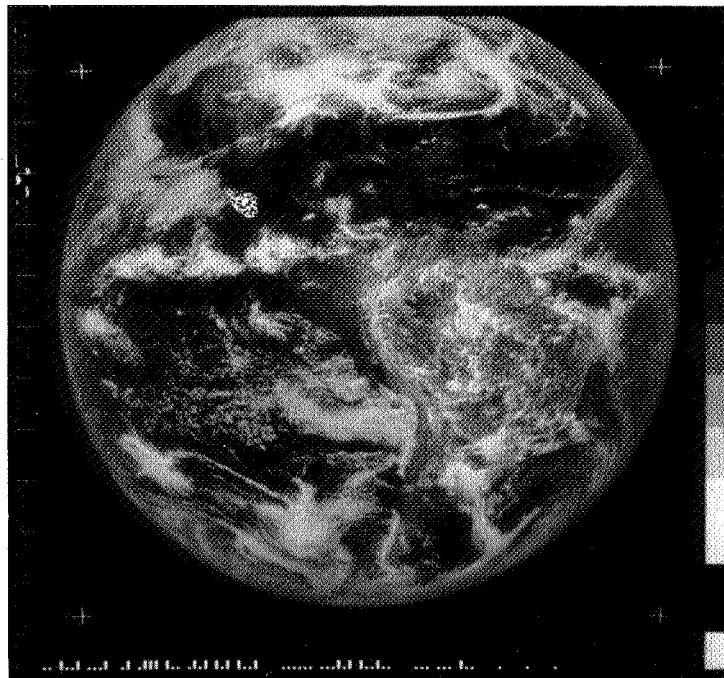


Figure 1-1

Manual grid matching of the ATS-III photographs continues. Accuracies for the MSSCC pictures are on the order of 5 to 10 nautical miles in local areas with visible landmarks. Overall accuracy is approximately 30 nautical miles. The same figures apply to the accuracy of local areas within the IDCS photographs but here the overall figures approach 60 nautical miles.

Production of MSSCC digital 4x enlargements has continued since its initiation in April 1968. Date, sequence numbers and areas digitally enlarged are listed in Table 1-2. As with ATS-I data, areas are labelled alphabetically A



NASA ATS III 1 APR 70 17 45 59 Z 14

Figure 1-2

through Z (I and O omitted). Attention is once again directed to pp I-7 through I-20 of Volume III of the ATS Data Catalog for methods of area selection.

Section 3 lists the daily data and displays "pictures of the day" for each day. Where digitized enlargements were made, the selected areas are shown in the daily pictures.

Table 1-2  
ATS-III MSSCC Digitally Enlarged Photographic Data

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
29 January 1969	1-31	A
23 February 1969	1-7	A, B
1 March 1969	1	A-H
3 March 1969	1-20	A
	1-14	B
6 March 1969	1-6	A, B
9 March 1969	12, 14	A-C, E-G, J-L, N-Q
10 March 1969	3	A
	3-6	B, C

Table 1-2 (Continued)

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
11 March 1969	1	A
	1-7	B, C
12 March 1969	1	A
	1-6, 8, 9	B
	1-6	C
23 March 1969	1-10, 12, 14, 16, 18, 20, 22, 24	A
4 April 1969	6-18, 20, 22-51	A
	6-18, 20, 22-33, 35-51	B
13 April 1969	1-7, 9-13	A
16 April 1969	1-4, 6, 8-12	A-C
	7	B, C
6 May 1969	10-29, 31	A
	4, 7, 10-14, 16-27	B
	6, 7, 10-16, 18, 19, 21-29, 31	C
	2, 4, 6-13, 15, 16, 18, 19, 21-23, 25-29	D
	13-24, 26-29	E
7 May 1969	10-19	A, B
	1, 2, 5-22, 25-29	C
	1, 2, 4-10, 12-19	D
	1, 2, 4, 7-12, 14-23, 26, 27	E
	10, 11, 13-19	F
	13-19	G
	20-23, 25-27, 29, 31	A, D, F, G
	20-23, 25-27, 31	B
8 May 1969	1-13	C, F
	3, 4, 8-13	A
	3-13	B
	7-13	D, E
9 May 1969	1-4, 7-15	C
	3-5, 7-15	A
	4, 6, 8-15	B
	7-15	D, E

Table 1-2 (Continued)

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
10 May 1969	1-4, 10-12, 14-17	B
	1-4, 10-19	C
	1-4, 10-17, 19	F
	10, 11, 13, 15-19	A
	10-19	D
	4, 10-17, 19	E
11 May 1969	1-4, 7-10, 12	A
	1-3, 8	B
	1-3, 7, 8, 10, 13	C
	1-4, 7	D
	1-3, 7, 8	E
	7, 8, 10	F
12 May 1969	3, 11-14, 16	A
	3-7, 9, 11-16	B, C, D
	5, 7, 9, 11-16	E
13 May 1969	5-8, 10, 12, 13	A, B
	5-8, 10, 12	D, E
	10-13	C
14 May 1969	4-9	A
	4-15	B
	4-7	C
15 May 1969	5-11, 13-16, 18-40	B
	7-16, 18-40	C
	18-27	A
16 May 1969	3-33, 35, 37-42, 44-46	A
	1-33, 35, 38-41	B
	1-35, 38-42, 44	C
17 May 1969	2-10, 12-18, 20-30, 32-65	A
	2-10, 13-18, 20-30, 32-34, 36-65	B
	1-10, 13-18, 20-30, 32-41, 43, 44, 46-62	C
18 May 1969	1, 3, 5, 7, 9, 11, 13, 15	A, C
	9, 11, 13, 15, 17	B

Table 1-2 (Continued)

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
19 May 1969	1, 3, 5, 9, 11, 13, 15, 17, 19, 21, 23	A, B
	1, 3, 5, 9, 11, 13, 15, 17	C, E
	5, 9, 11, 13, 15, 17, 19, 21	D
20 May 1969	1-20	A, B
	1-10, 12-15, 17	C
	1-10, 12-16, 18-20	D
21 May 1969	1-5, 7-15, 17, 19, 21, 23, 25, 27, 28	A
	1-15, 17, 19, 21, 23, 25, 27, 28, 33	B
	3, 5-15, 17, 19, 21, 23, 25, 27-33	D
	10-15, 17, 19, 21, 23, 25, 27-33	C
22 May 1969	11-13, 15-38	A, B
	11-34	C
	6-9, 11-32	D
23 May 1969	6, 10, 12	A
1 June 1969	5-8	B
2 June 1969	1	A
3 June 1969	9	A
4 June 1969	13	A
5 June 1969	2-5, 13	B
	11	A
7 June 1969	2-8, 10	A
8 June 1969	3-6, 8-10, 12, 14, 16	A
9 June 1969	4-8, 10, 12-14, 16-18	A
10 June 1969	12, 14, 15	A
11 June 1969	3, 4	A
13 June 1969	2-5	B
	16	A

Table 1-2 (Continued)

<u>Date</u>	<u>Picture Number</u>	<u>Sectors Enlarged</u>
18 June 1969	11	A
19 June 1969	11	A
21 June 1969	13, 19	A
22 June 1969	9, 12, 19	A
23 June 1969	14, 21	A
24 June 1969	8, 11-14	A
25 June 1969	5, 7-11, 13, 20, 26	A
26 June 1969	1, 8	A
27 June 1969	3, 7-10, 12-16, 18-27	A
28 June 1969	9, 13	A
29 June 1969	7, 9, 10	A
30 June 1969	10, 13	A
1 July 1969	10	A
12 July 1969	35-39	A
13 July 1969	35-39	A
14 July 1969	37, 38	A
15 July 1969	35-38	A
29 July 1969	22, 24, 26	A
30 July 1969	1, 3, 5, 7, 9, 11, 13, 15-54	A
31 July 1969	3-11, 13-25, 27-41, 43-52	A



ATS-III meteorological data are also available in motion picture or film loop format. These films present new and important insights into tornado formation, motion within and adjacent to storms, and to cloud motion in equatorial zones.

The following 16 mm silent NASA films are available at cost through:

Byron Motion Picture, Inc.  
65 K Street, N. E.  
Washington, D. C. 20002  
Attn: Glenice Johnson

16 mm Silent Films

NASA Release No. 68-713. Approximately 400 feet of full color data depicts cloud motions through time-lapse photography from data of 18 November 1967 when the satellite was positioned near 49°W longitude.

NASA Index No. 04112. Approximately 400 feet of black and white cloud data with superposed colored geographic grids and time-correlated tornado locations depicting development of tornadic situations over the Eastern U.S. on 19 April 1968. At this time the satellite was near 84°W longitude.

NASA Index No. 04113. Similar to NASA Index No. 04112 but depicts time and location-correlated tornadic and severe hail storm conditions over the Eastern U.S. on 23 April 1968.

NASA Release No. 69-812. Approximately 400 feet of black and white data with superposed color annotation depicting the lives of Hurricanes Abby and Brenda and the birth of Hurricane Candy, all in 1968.

ATS-III films, prepared at and available through the University of Wisconsin, are listed in Table 1-3. Address orders to:

University of Wisconsin  
Space Science and Engineering Center  
Photo Lab  
1225 West Dayton Street  
Madison, Wisconsin 53715

Table 1-3  
ATS-III Films Available at the University of Wisconsin

FILM LOOPS

Complete Days (CD)

CD-C-1 18 November 1967; 35 pictures, 30 minute intervals (Color) ..... \$5.00

CD-4, 22-23.8 22-23 April 1968; 95 pictures, approximately  
10 minute intervals (Black and White) ..... \$5.00

CLOSE UP

ATS-3-STS-CU1 Tornado Watch 19 April 1968; 37 pictures,  
10 minute intervals ..... \$4.00

MOVIES

"Weather in Motion and in Color" - consists of complete day  
(November 18, 1967) with selected close-ups, 400 ft. .... \$75.00

"Hurricane ABBY" - consists of data from June 3-6, 1968 showing  
the entire earth with close-ups of the hurricane.  
Approximately 400 ft. .... \$50.00

ATS MSSCC and IDCS black and white photographic data in archival format are available as indicated in Table 1-4, from the National Weather Records Center, Asheville, North Carolina 28801. Prices are as listed in Part I, Section 1, this volume.

Table 1-4  
ATS-III Archival Reel Listings

MSSCC

Analog Display Reel No.	1	1 April through 18 April 1968
	2	19 April through 29 April 1968
	3	30 April through 16 May 1968
	4	17 May through 30 May 1968
	5	31 May through 20 June 1968
	6	21 June through 1 July 1968 (No data 2 July 1968)
	7	3 July through 19 July 1968 (No data 20-22 July 1968)

Table 1-4 (Continued)

8	23 July through 12 August 1968
9	13 August through 17 September 1968
10	18 September through 16 November 1968 (No data 17 through 24 November 1968)
11	25 November 1968 through 8 March 1969
12	9 March through 13 April 1969 (No data 14, 15 April 1969)
13	16 April through 3 May 1969
14	4 May through 15 May 1969
15	16 May through 22 May 1969
16	23 May through 11 June 1969
17	12 June through 19 June 1969
18	20 June through 28 June 1969
19	29 June through 8 July 1969 (No data 9 July 1969)
20	10 July through 14 July 1969
21	15 July through 23 July 1969
22	24 July through 30 July 1969

MSSCC

Digital Display Reel No.	1	3 April through 22 April 1968
(Sectional 4x Enlarge-	2	23 April through 29 May 1968
ments only)	3	30 May through 18 June 1968 (No data 19 June 1968)
	4	20 June through 22 June 1968
	5	23 June through 8 August 1968
	6	9 August through 14 October 1968
	7	15 October and 16 October 1968
	8	17 October through Picture 13N, 19 October 1968
	9	Picture 14A, 19 October through 26 December 1968 (No data 27 December 1968 through 22 January 1969)
	10	23 January through Picture 40B, 4 April 1969
	11	Picture 41A, 4 April through Picture 20E, 6 May 1969
	12	Picture 21A, 6 May through 8 May 1969
	13	9 May through 13 May 1969
	14	14 May through 16 May 1969
	15	17 May through 19 May 1969
	16	20 May through 22 May 1969
	17	23 May through 31 July 1969

Table 1-4 (Continued)

IDCS Reel No.	1	1 March through 31 March 1968 (No data 1 April 1968)
	2	2 April through 31 May 1968 (No data 1, 2 June 1968)
	3	3 June through 12 December 1968 (No data 13, 14, 15 December 1968)
	4	16 December 1968 through 23 May 1969 (No data 23 May through 31 July 1969)

## SECTION 2

### THE ATS-III ORBITAL DATA

This section contains a listing of the orbital elements. These data may be used to compute the ephemeris.

[illegible]



[illegible]

[illegible]

SECTION 3

THE ATS-III MSSCC AND IDCS METEOROLOGICAL  
DATA CATALOG

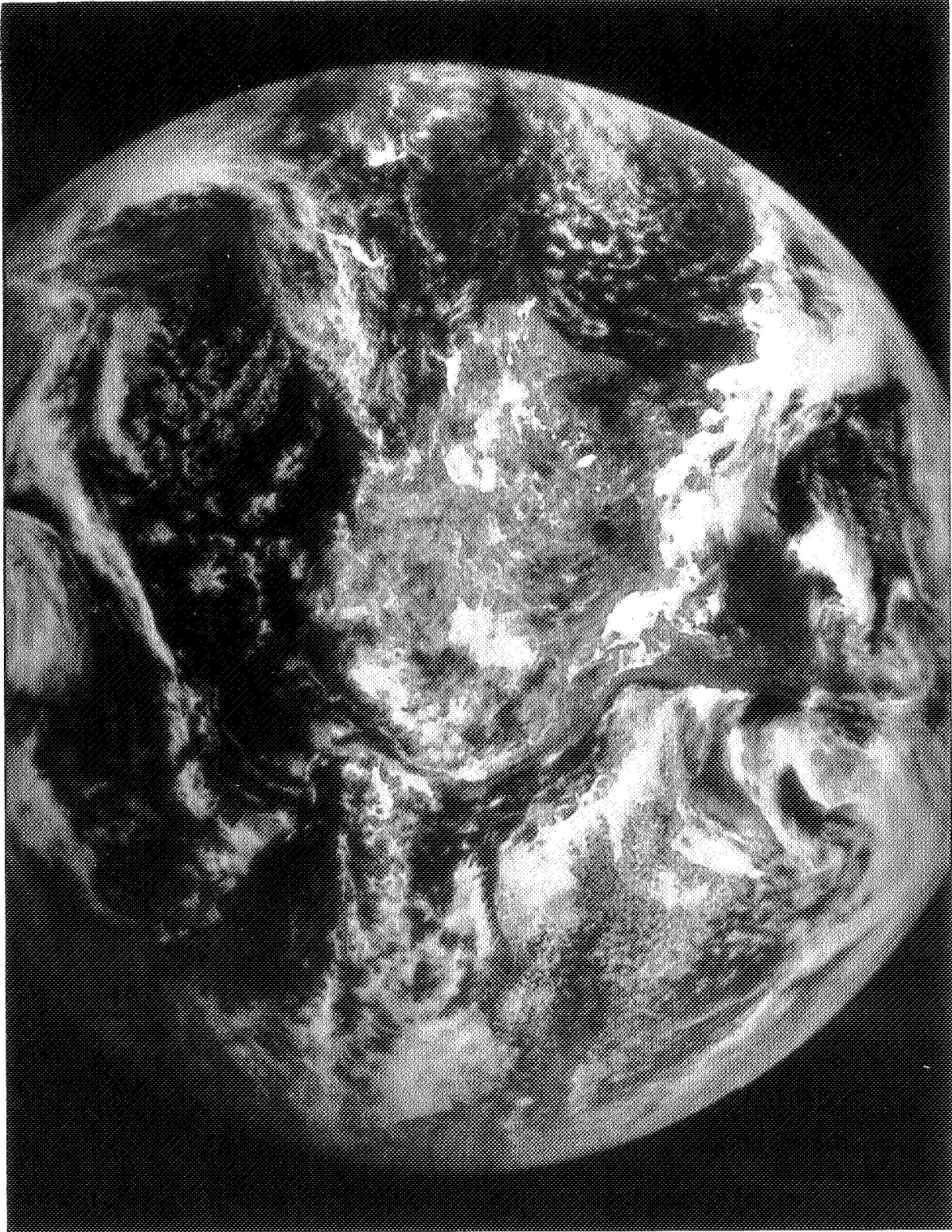
1 January 1969  
through  
31 July 1969

## IDCS

8 Jan 69

SSP 65.44 W 0.26 N

Seq	Start Time			Remarks
1	14	41	55	
2	15	21	25	
3	15	36	23	
4	15	51	52	



ATS-III IDCS 8 JAN 69 15 21 25 Z SA 2

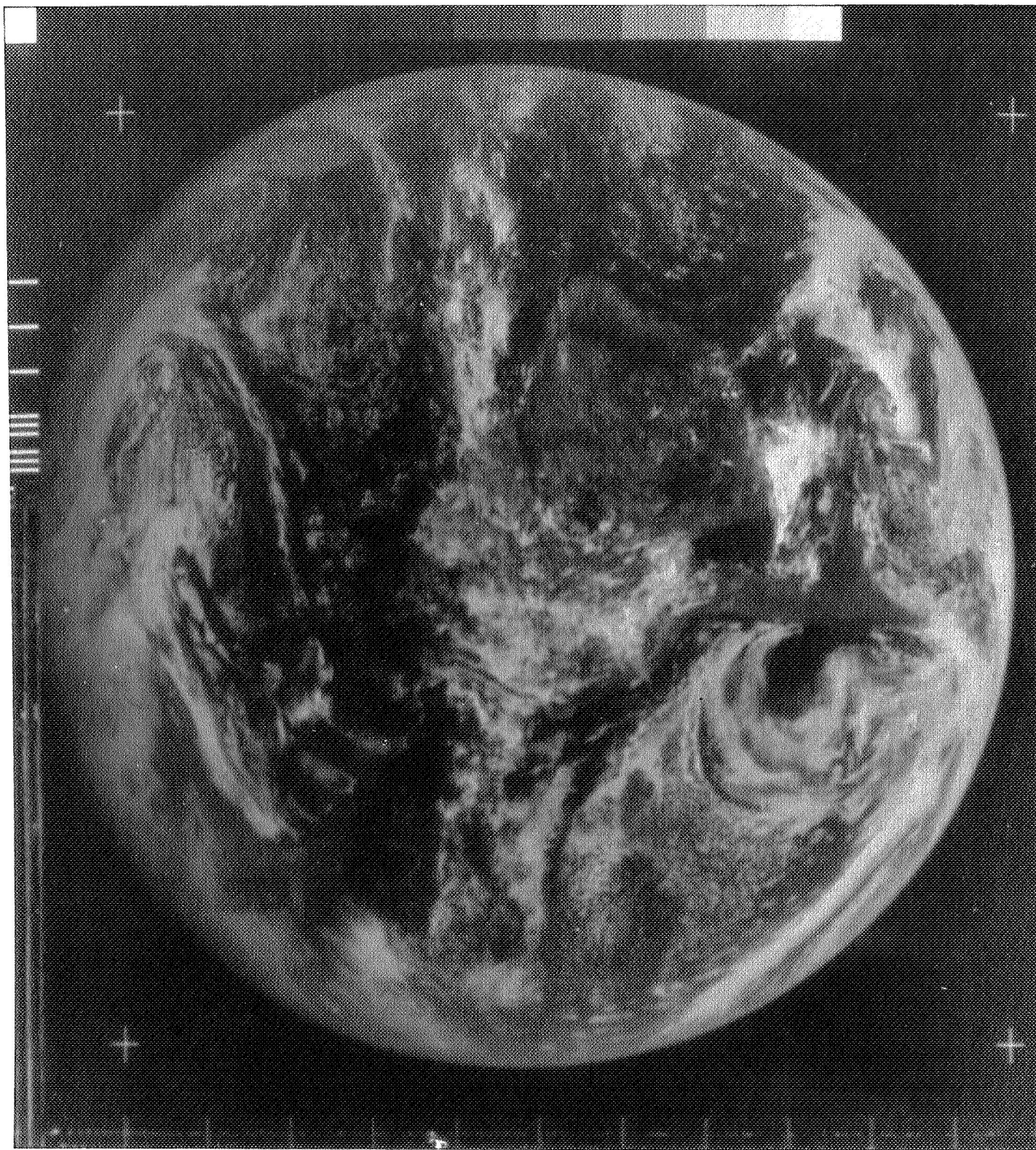
MSSCC

9 Jan 69

SSP 66.01 W 0.27 N

Seq	End Time	Remarks
1	15 47 12	3/4 Scan
2	16 05 33	3/4 Scan
3	16 34 45	
4	16 59 55	
5	17 25 02	
6	17 50 12	





ATS-III MSSCC 9 JAN 69 16 34 45 Z 3

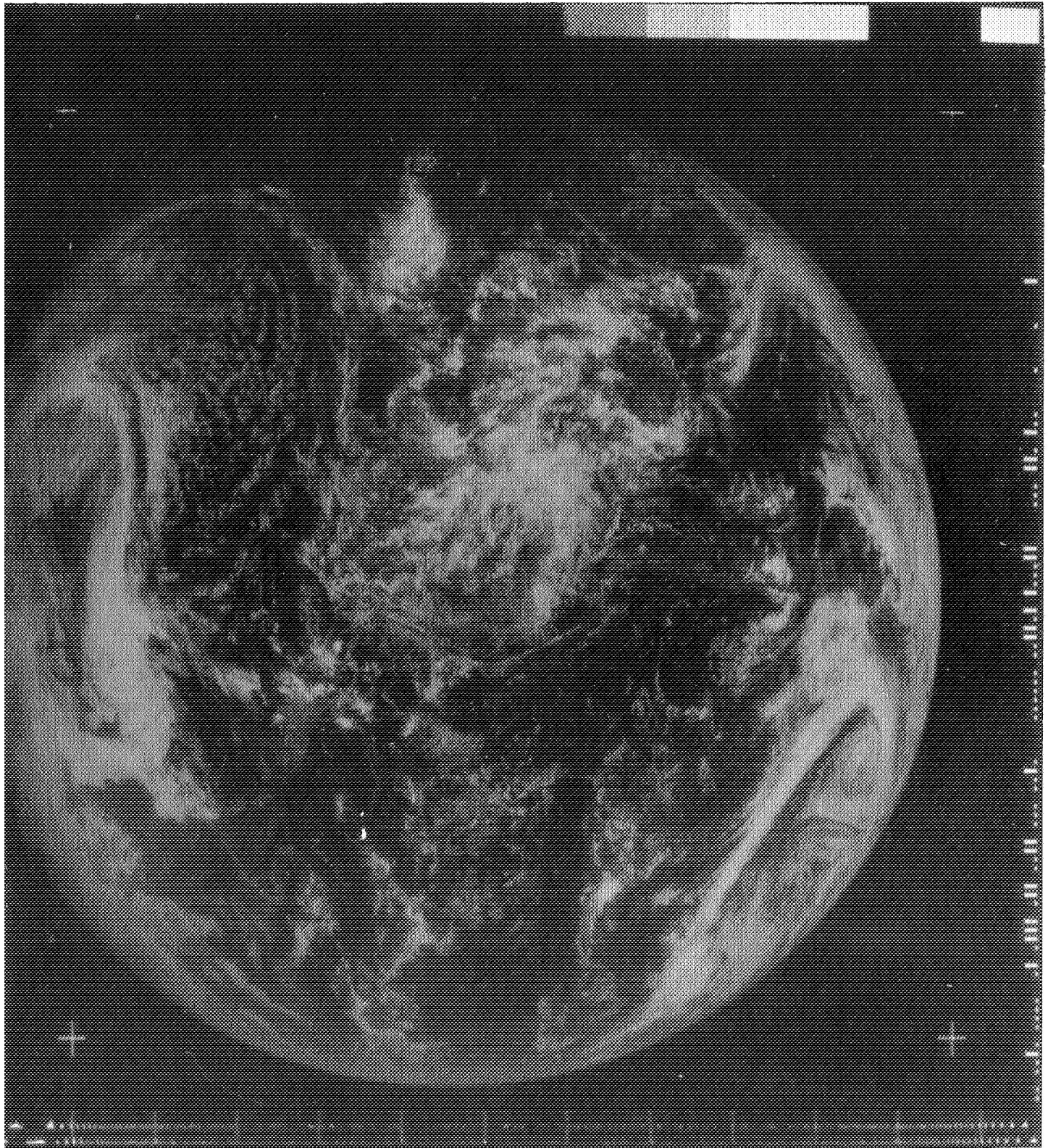


## MSSCC

20 Jan 69

SSP 72.36 W 0.29 N

Seq	End Time	Remarks
1	17 33 02	
2	17 58 18	
3	18 23 33	



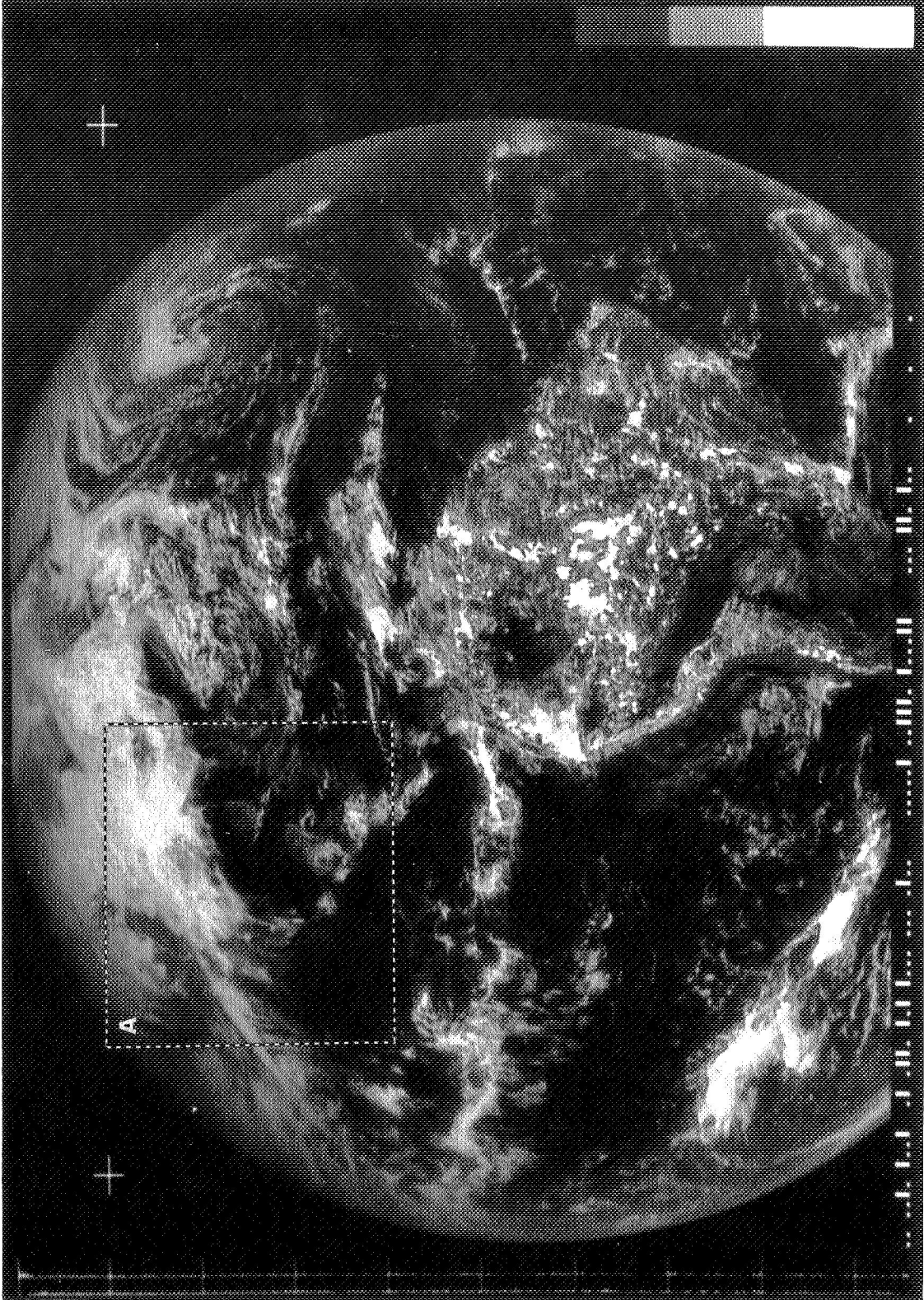
ATS-III MSSCC 20 JAN 69 17 33 02 Z 1

# MSSCC

29 Jan 69

SSP 72.58 W 0.33 N

Seq	End Time	Remarks
1	12 51 33	
2	13 10 54	
3	13 29 52	3/4 Scan
4	13 48 49	3/4 Scan
5	14 07 45	3/4 Scan Phasing Error
6	14 26 41	3/4 Scan
7	14 45 31	3/4 Scan
8	15 04 42	3/4 Scan
9	15 23 38	3/4 Scan
10	15 42 28	3/4 Scan
11	16 01 25	3/4 Scan
12	16 20 15	Electronic Interference 3/4 Scan
13	16 39 11	Electronic Interference 3/4 Scan
14	16 58 04	3/4 Scan
15	17 42 19	Phasing Error 3/4 Scan
16	18 01 12	Electronic Interference 3/4 Scan
17	18 20 08	3/4 Scan
18	18 39 02	Electronic Interference 3/4 Scan
19	18 57 55	Electronic Interference 3/4 Scan
20	19 22 29	3/4 Scan
21	19 42 03	Electronic Interference 3/4 Scan
22	20 01 00	3/4 Scan
23	20 19 52	3/4 Scan
24	20 38 46	3/4 Scan
25	20 57 36	3/4 Scan
26	21 16 29	3/4 Scan
27	21 35 25	3/4 Scan
28	21 54 22	Electronic Interference 3/4 Scan
29	22 13 15	Electronic Interference 3/4 Scan
30	22 32 08	Electronic Interference 3/4 Scan
31	22 51 04	3/4 Scan



ATS-III MSSCC 29 JAN 69 16 58 04 Z 14

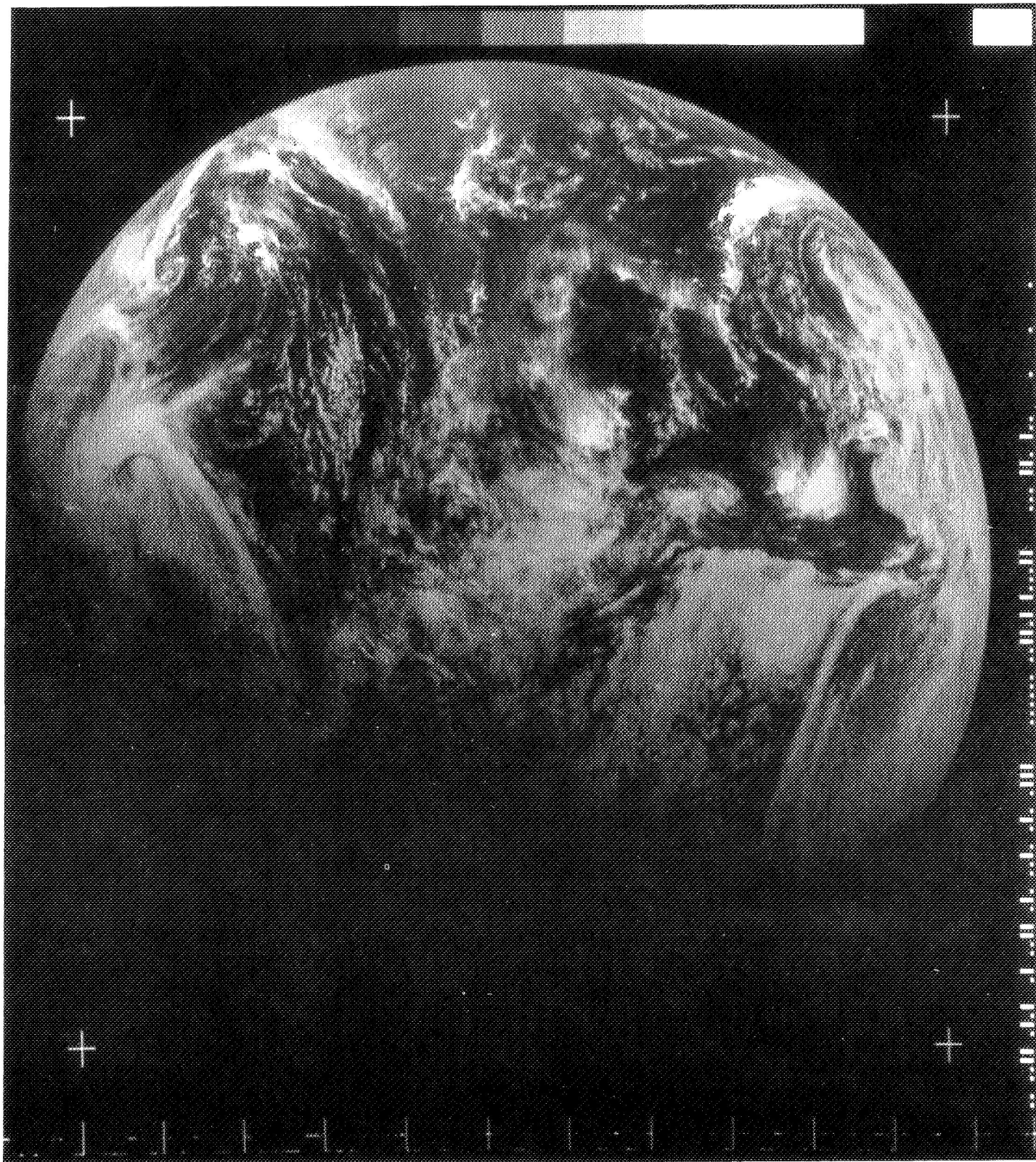
MSSCC

4 Feb 69

SSP 72.78 W 0.36 N

Seq	End Time	Remarks
1	13 22 27	





ATS-II MSSCC 4 FEB 69 13 22 27 Z 1

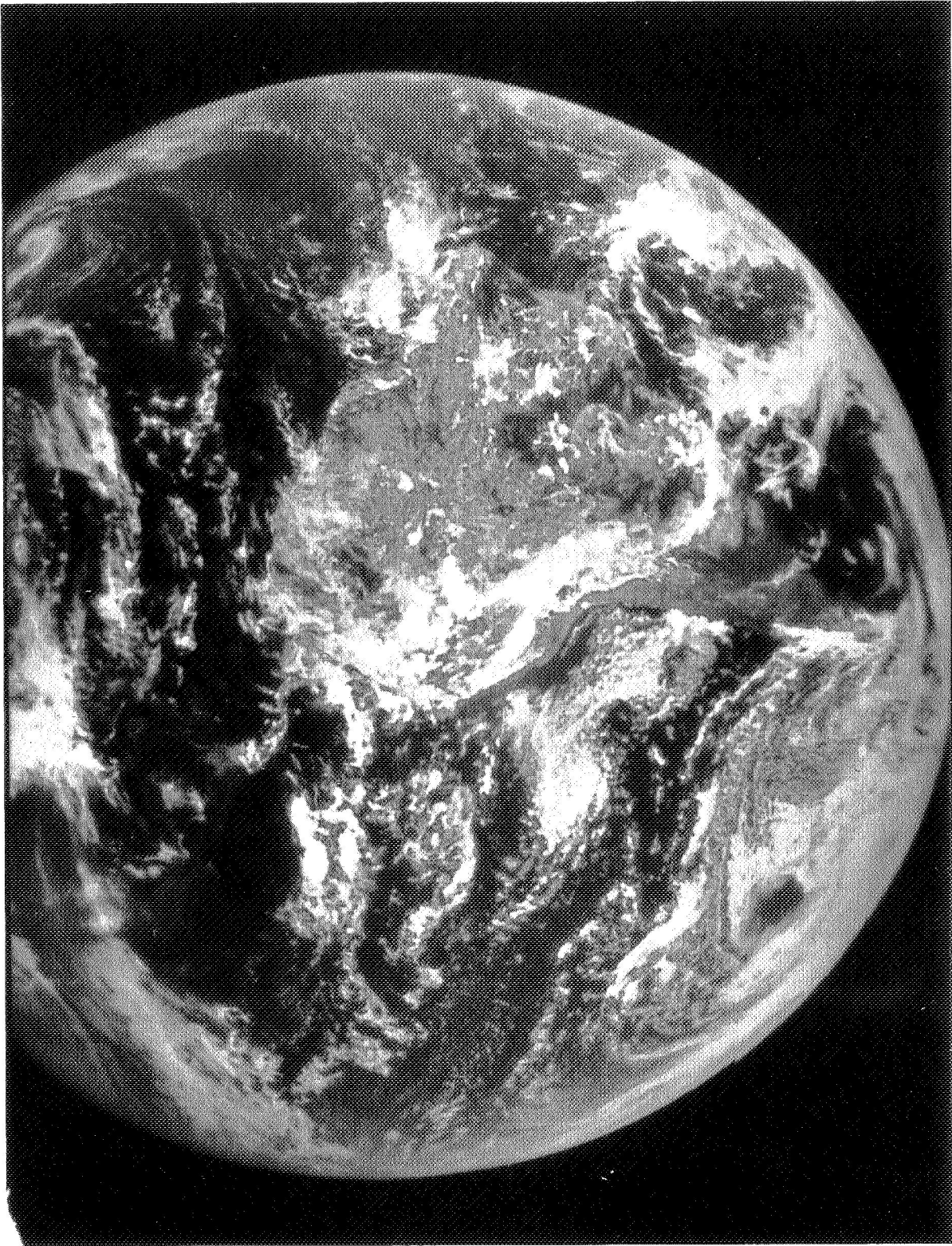
IDCS

6 Feb 69

SSP 72.86 W 0.37 N

Seq	Start Time	Remarks
1	14 49 27	
2	15 05 00	
3	15 20 22	Electronic Interference
4	15 35 55	Electronic Interference And Phasing Error
5	15 51 30	
6	16 06 50	Scratched Negative
7	16 22 22	
8	16 37 45	
9	16 53 10	





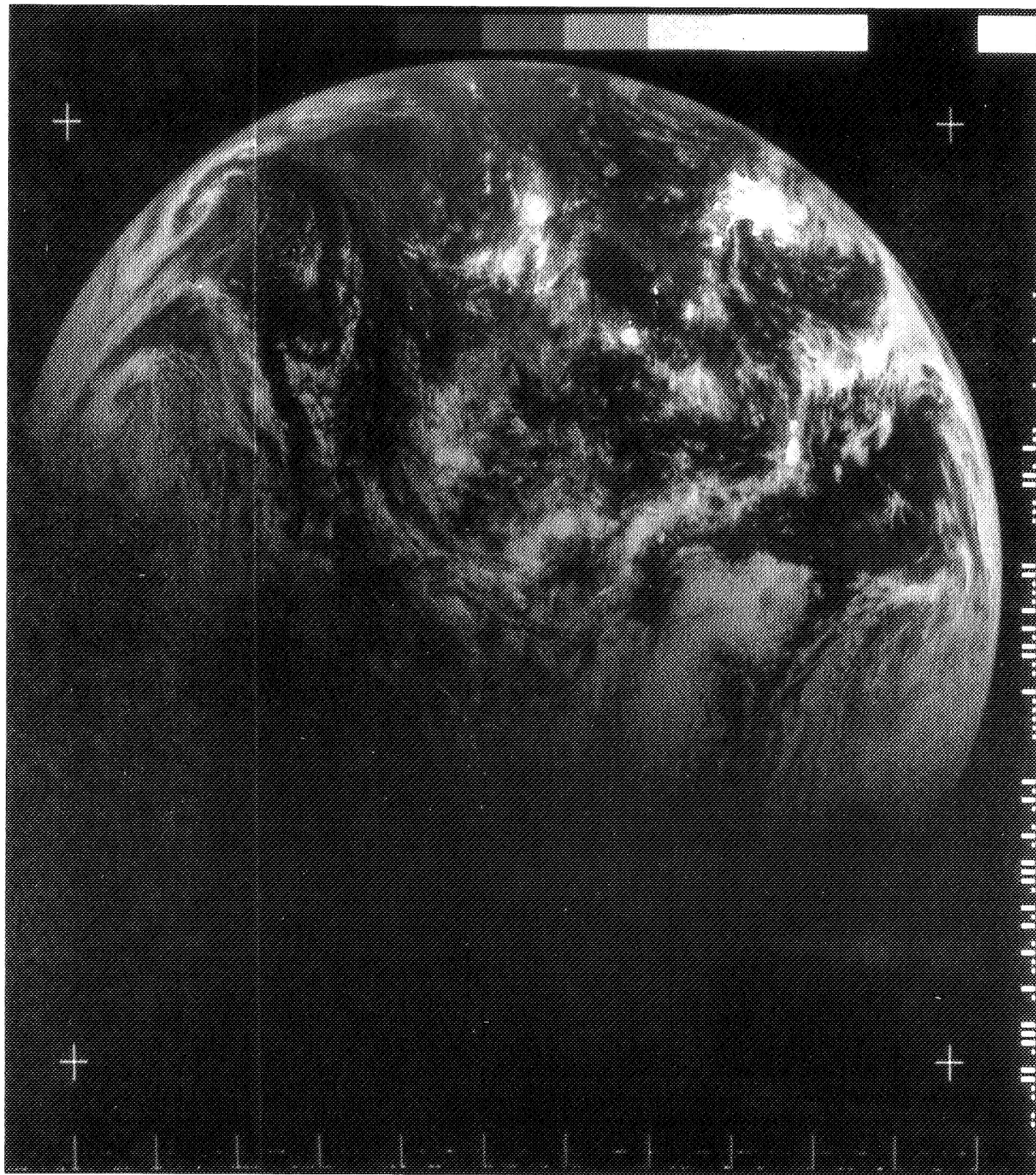
ATS-III IDCS 6 FEB 69 16 37 45 Z 8

**MSSCC**

6 Feb 69

SSP 72.86 W 0.37 N

Seq	End Time	Remarks
1	12 57 25	



ATS-III MSSCC 6 FEB 69 12 57 25 Z 1

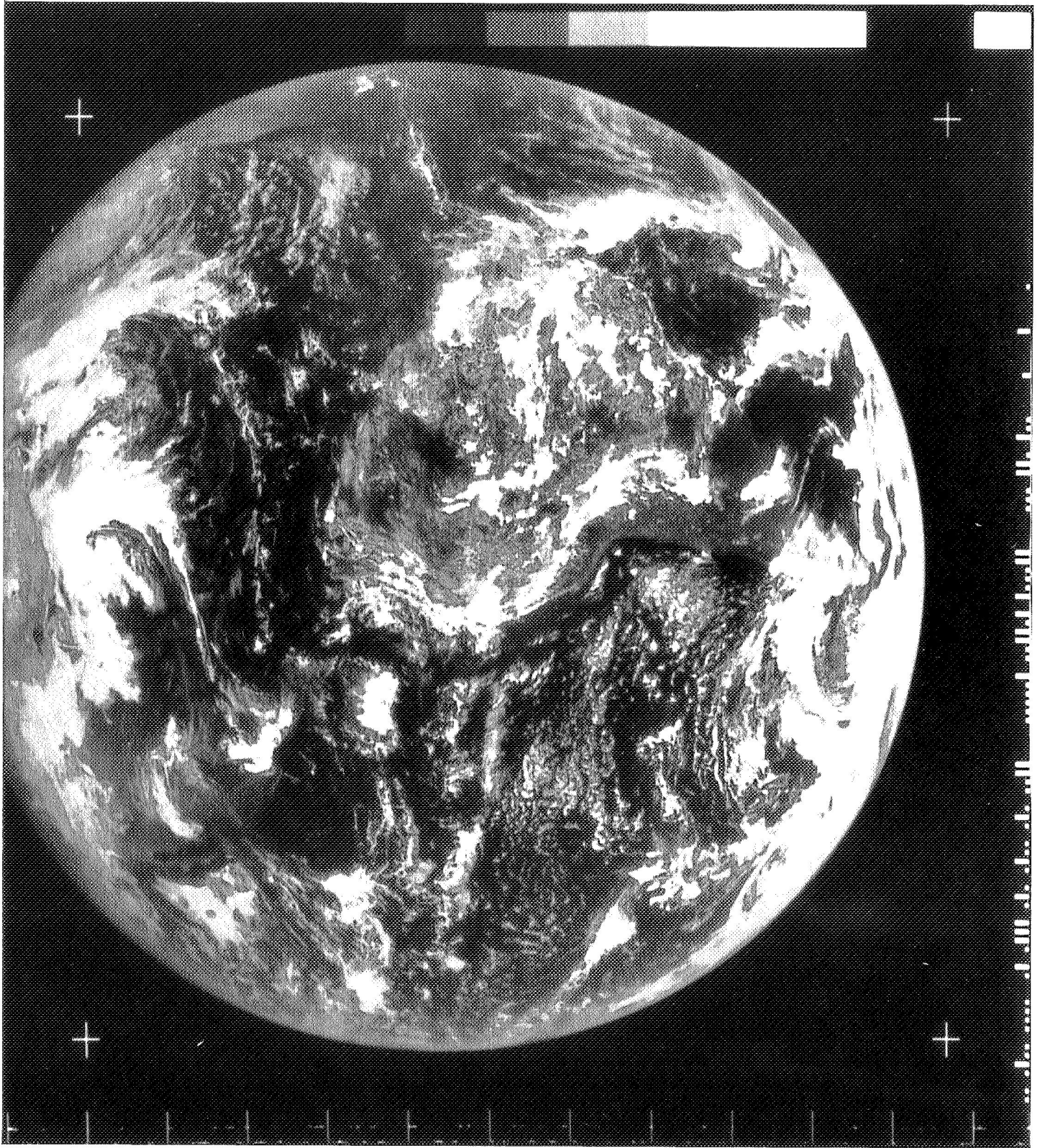
# MSSCC

9 Feb 69

SSP 73.00 W 0.38 N

Seq	End Time	Remarks
1	12 34 07	
2	16 08 39	Operator Video Level Change
3	16 33 54	
4	16 59 10	Phasing Error
5	17 24 33	
6	17 54 03	
7	18 19 15	
8	21 24 16	





ATS-III MSSCC 9 FEB 69 17 24 33 Z 5

# MSSCC

11 Feb 69

SSP 73.09 W 0.38 N

Seq	End Time	Remarks
1	16 03 35	
2	16 29 15	
3	16 54 28	
4	17 19 44	
5	17 44 59	
6	18 10 15	
7	18 35 31	





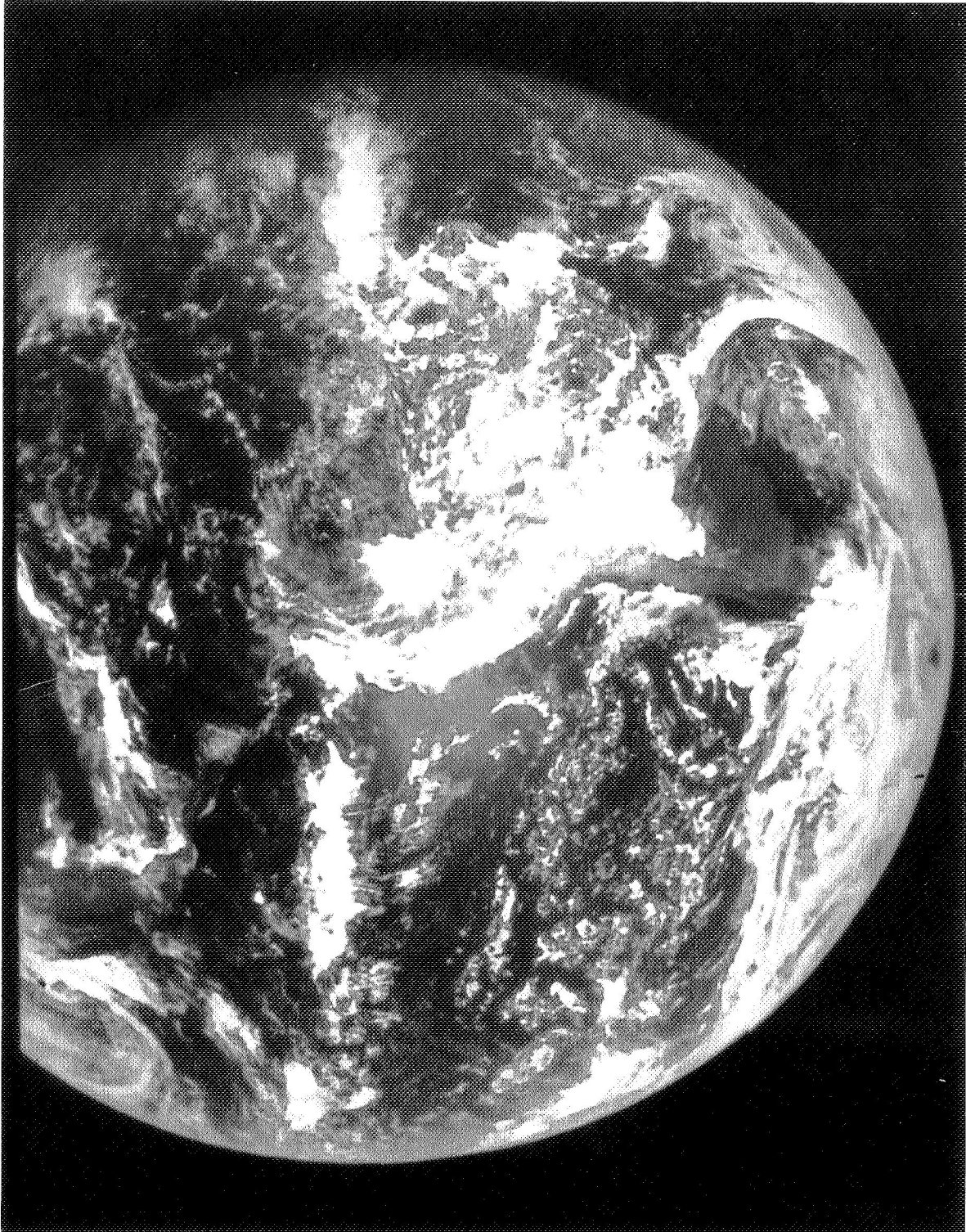
ATS-III MSSCC 11 FEB 69 17 19 44 Z 4

IDCS

12 Feb 69

SSP 73.13 W 0.38 N

Seq	Start Time	Remarks
1	18 07 55	Electronic Interference
2	18 23 00	
3	18 38 26	
4	18 53 54	
5	19 09 21	
6	19 24 49	Electronic Interference
7	19 40 24	



ATS-III IDCS 12 FEB 69 18 23 00 Z 2

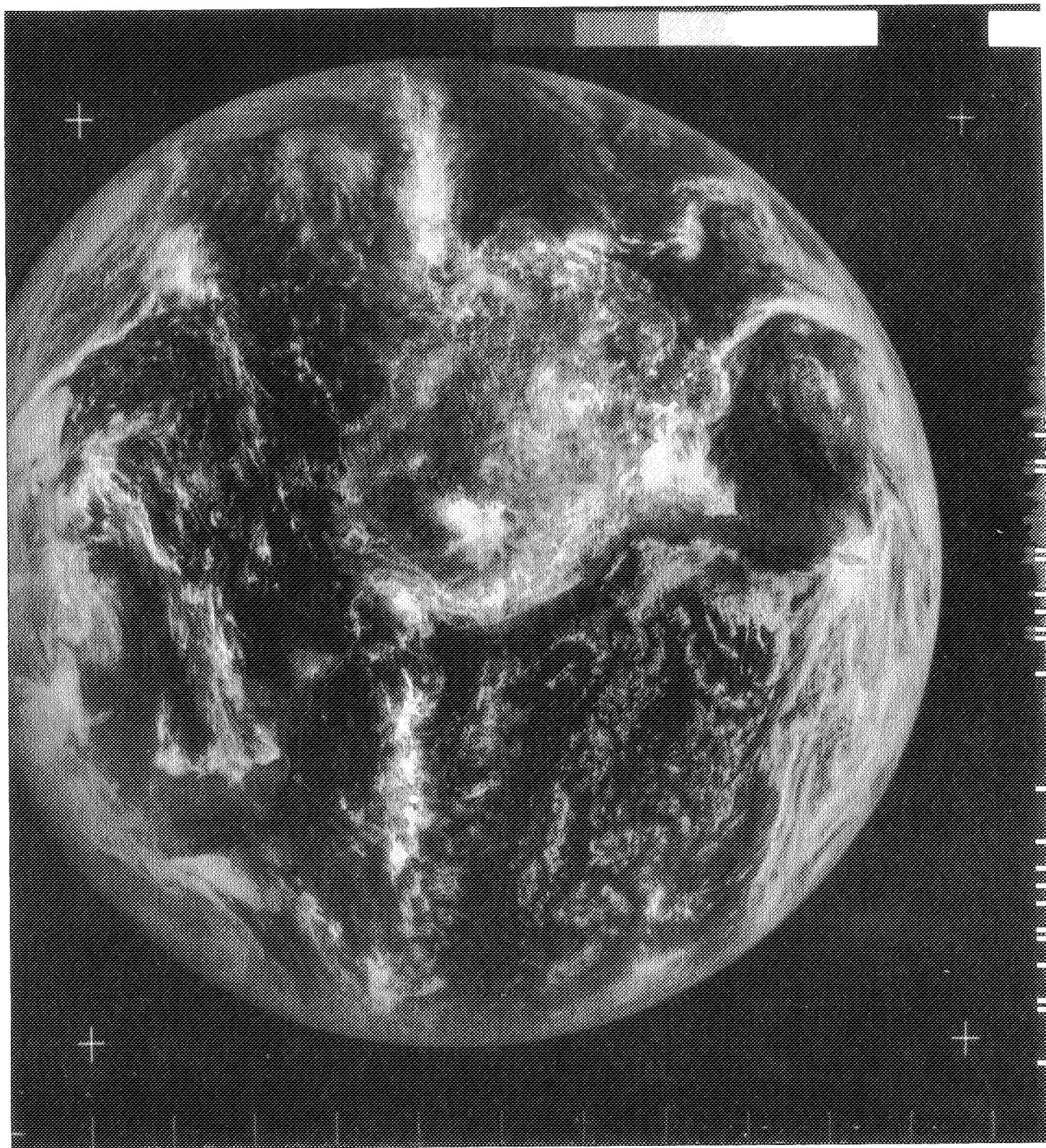
**MSSCC**

12 Feb 69

SSP 73.13 W 0.38 N

Seq	End Time	Remarks
1	14 52 51	Electronic Interference
2	15 18 07	Electronic Interference
3	15 43 20	Electronic Interference
4	16 08 36	
5	16 33 52	Electronic Interference
6	16 59 08	
7	17 24 23	





ATS-III MSSCC 12 FEB 69 16 59 08 Z 6

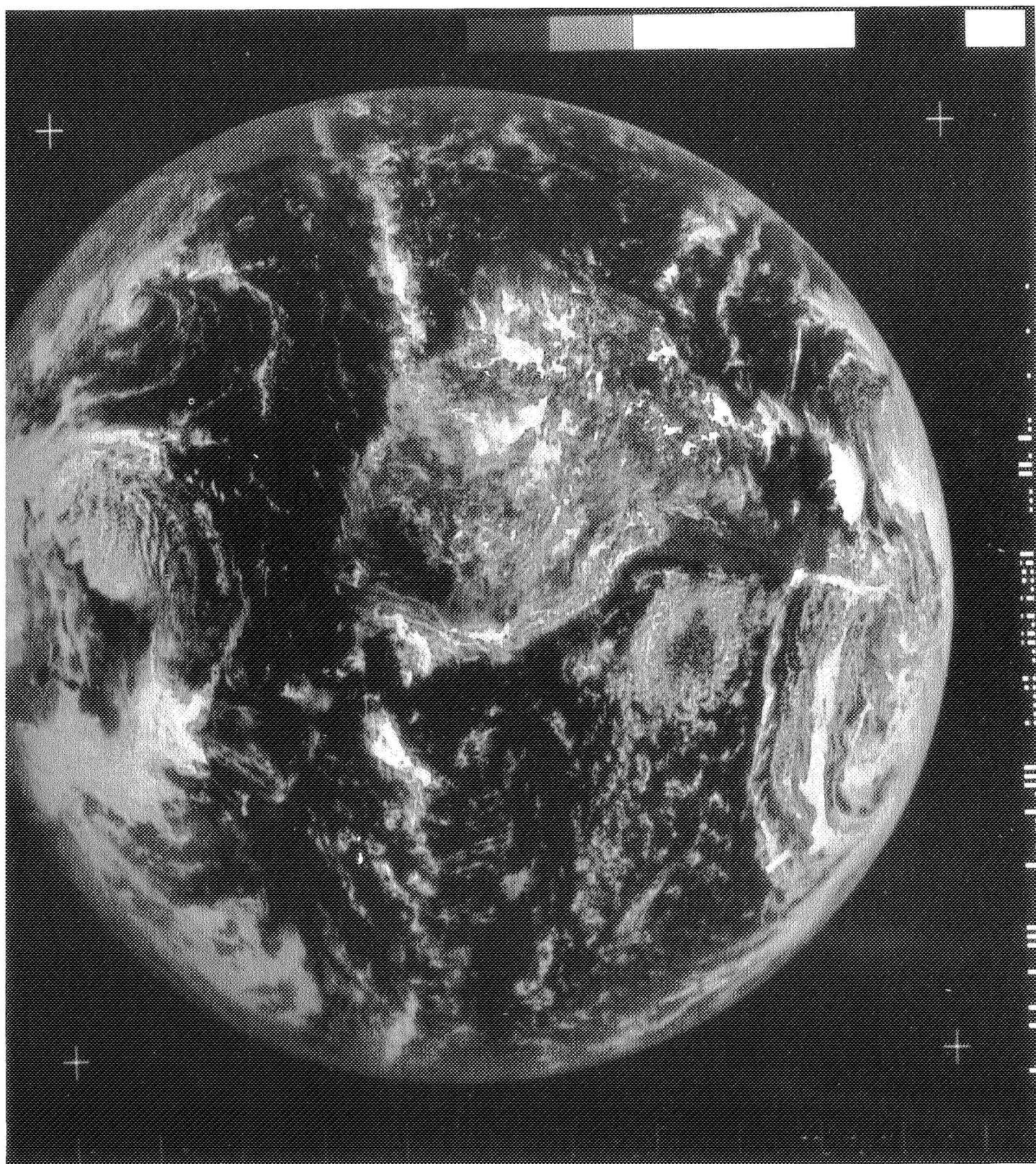
MSSCC

14 Feb 69

SSP 73.35 W 0.38 N

Seq	End	Time	Remarks
1	15	23 11	
2	15	48 26	
3	16	13 42	
4	16	39 01	
5	17	04 17	
6	17	29 33	
7	17	54 51	





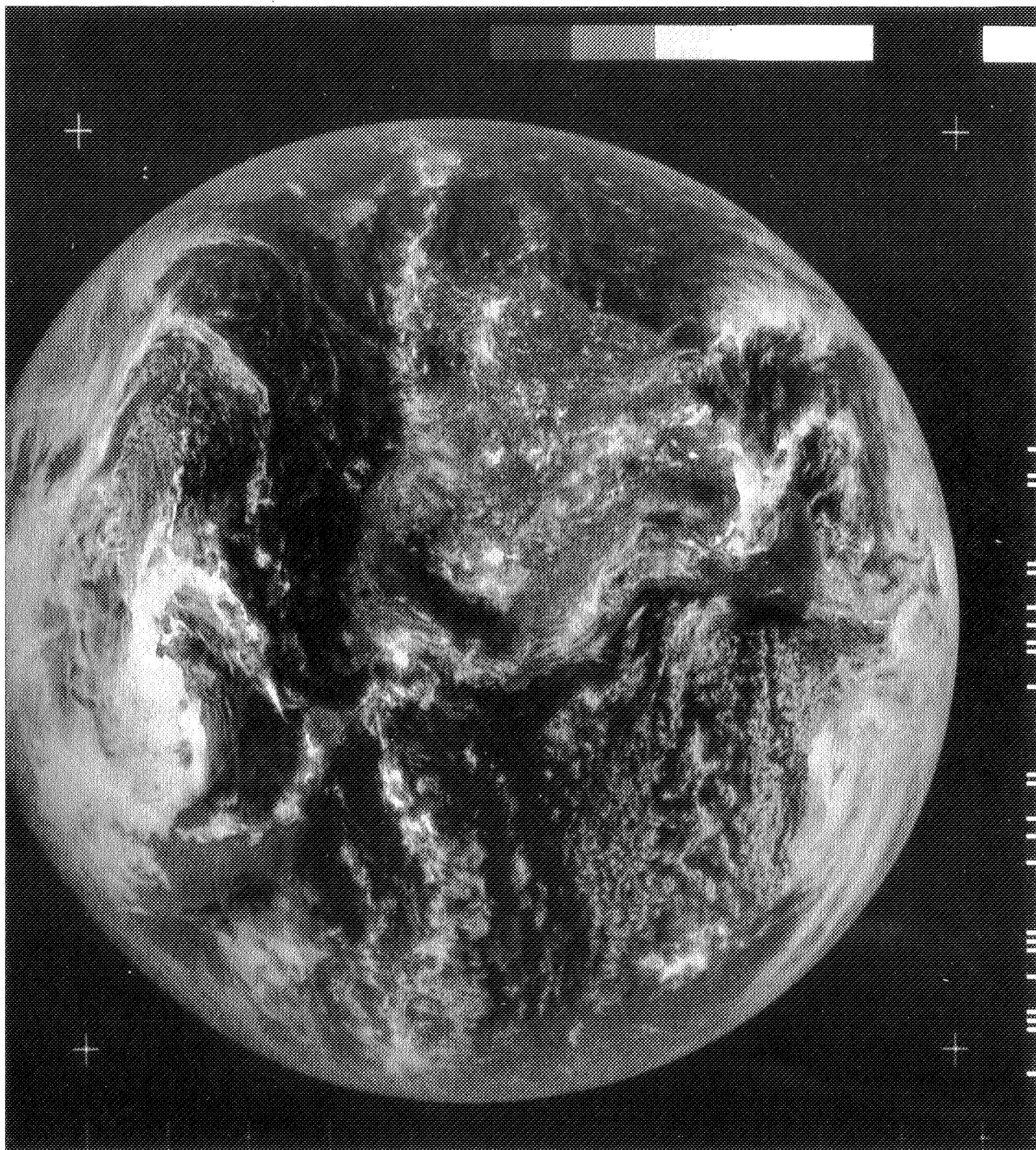
ATS-III MSSCC 14 FEB 69 17 04 17 Z 5

MSSCC

16 Feb 69

SSP 73.15 W 0.43 N

Seq	End Time	Remarks
1	15 33 45	
2	16 03 34	
3	16 28 50	
4	17 02 53	
5	17 28 09	
6	17 58 54	Poor Contrast
7	18 24 11	



ATS-III MSSCC 16 FEB 69 17 02 53 Z 4

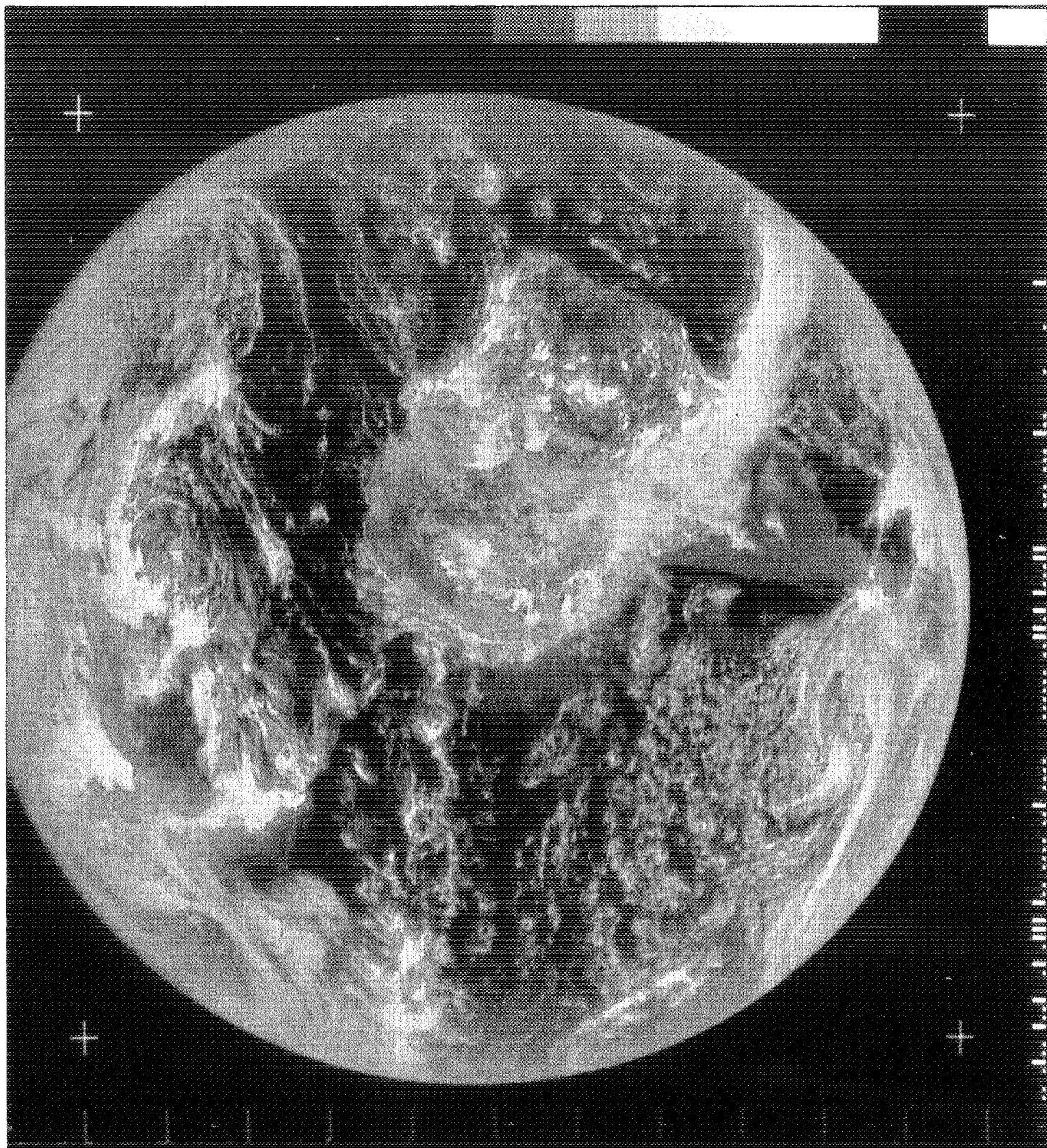
## MSSCC

18 Feb 69

SSP 73.05 W 0.44 N

Seq	End Time	Remarks
1	17 40 10	
2	18 05 28	
3	18 20 44	
4	18 56 00	
5	19 21 19	
6	19 46 35	





ATS-III MSSCC 18 FEB 69 17 40 10 Z 1

MSSCC

20 Feb 69

SSP 72.95W 0.44N

Seq	End Time	Remarks
1	15 29 22	
2	15 54 41	
3	16 19 57	
4	16 45 13	
5	17 10 28	
6	17 35 47	
7	18 01 03	
8	18 26 22	
9	18 51 38	
10	19 16 54	Phasing Error Approximately 100 Lines Missing





ATS-III MSSCC 20 FEB 69 16 45 13 Z 4

MSSCC

21 Feb 69

SSP 72.91W 0.44N

Seq	End Time	Remarks
1	16 34 39	Electronic Interference Picture Fair
2	16 59 55	Electronic Interference Picture Fair
3	17 25 10	Electronic Interference Picture Fair
4	17 50 27	Electronic Interference Picture Fair
5	18 15 45	Electronic Interference Picture Fair
6	18 41 01	Electronic Interference Picture Fair
7	19 06 17	Electronic Interference Picture Fair



ATS-III MSSCC 21 FEB 69 16 59 55 Z 2

MSSCC

22 Feb 69

SSP 72.86 W 0.44 N

Seq	End Time	Remarks
1	16 19 24	
2	16 44 39	
3	17 09 55	
4	17 35 11	
5	18 00 30	
6	18 30 51	
7	18 56 10	





ATS-III MSSCC 22 FEB 69 17 09 55 Z 3

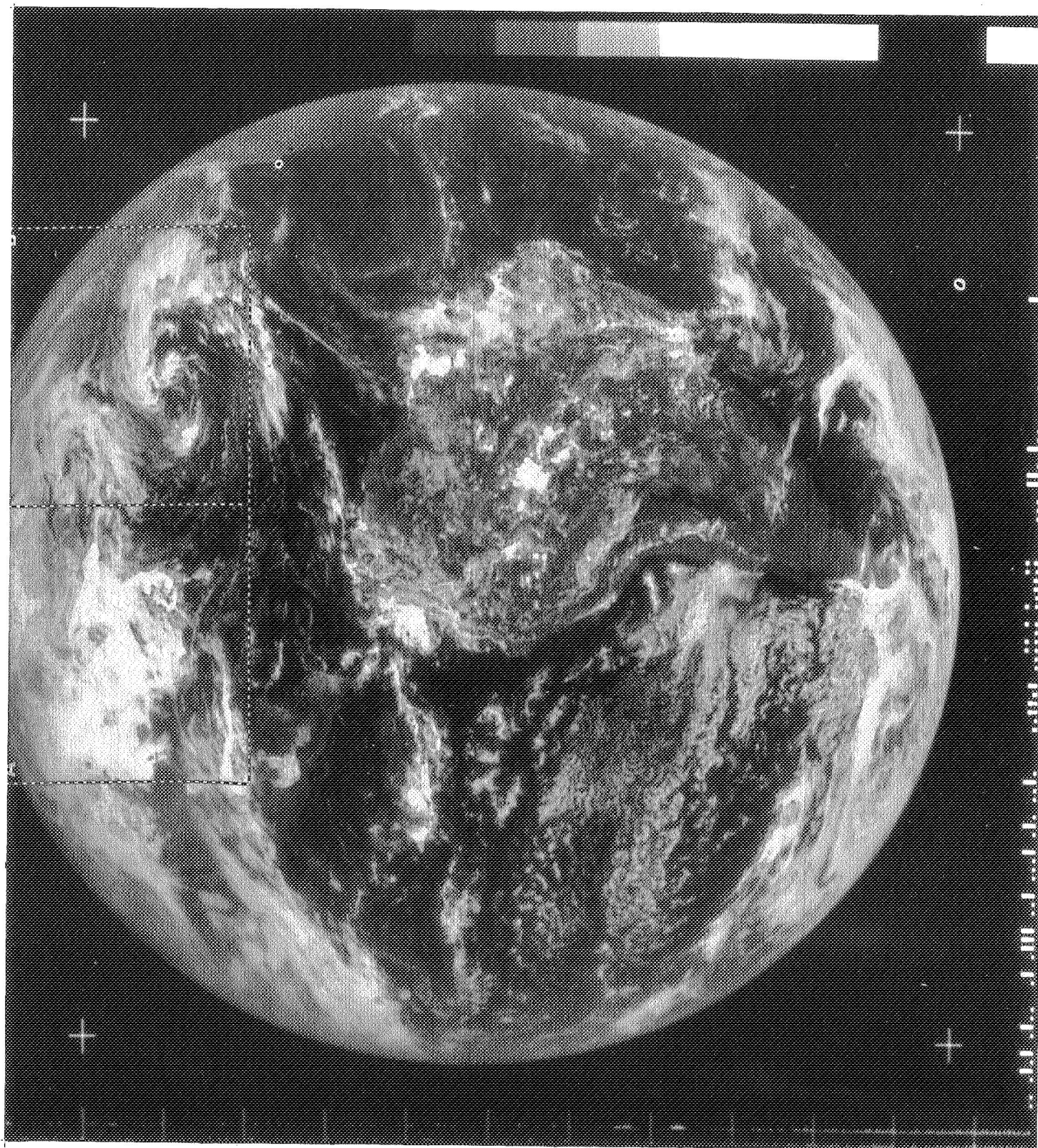
MSSCC

23 Feb 69

SSP 72.82 W 0.44 N

Seq	End Time	Remarks
1	16 20 48	
2	16 46 03	
3	17 11 22	
4	17 36 38	
5	18 01 54	
6	18 27 20	Electronic Interference Picture Fair
7	18 52 28	





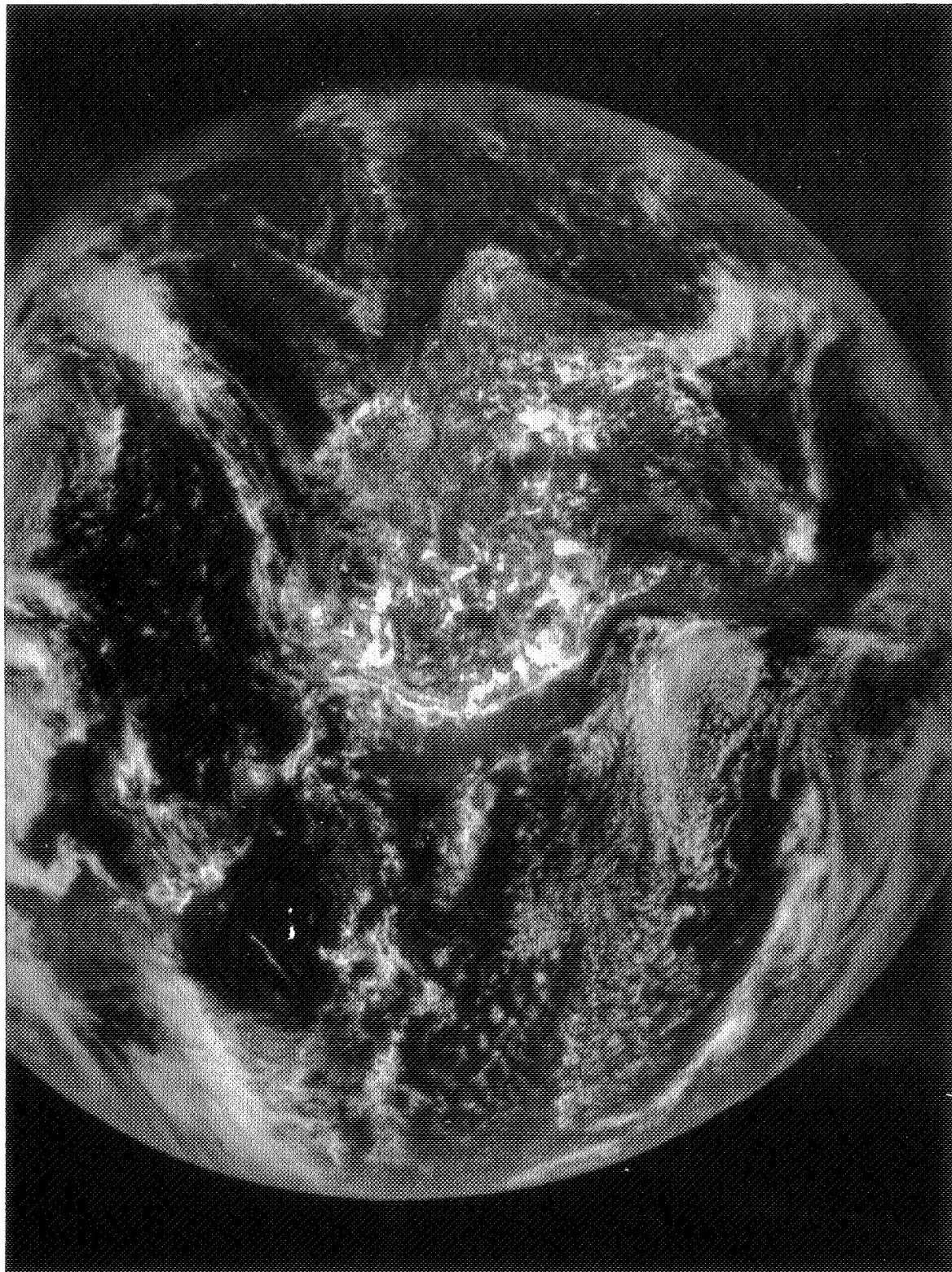
ATS-III MSSCC 23 FEB 69 17 11 22 Z 3

## IDCS

24 Feb 69

SSP 72.77 W 0.44 N

Seq	Start Time	Remarks
1	16 55 00	Electronic Interference
2	17 09 10	Electronic Interference
3	17 24 35	Phasing Error
4	17 34 50	Electronic Interference



A1S-III IDCS 24 FEB 69 17 34 50 Z 4

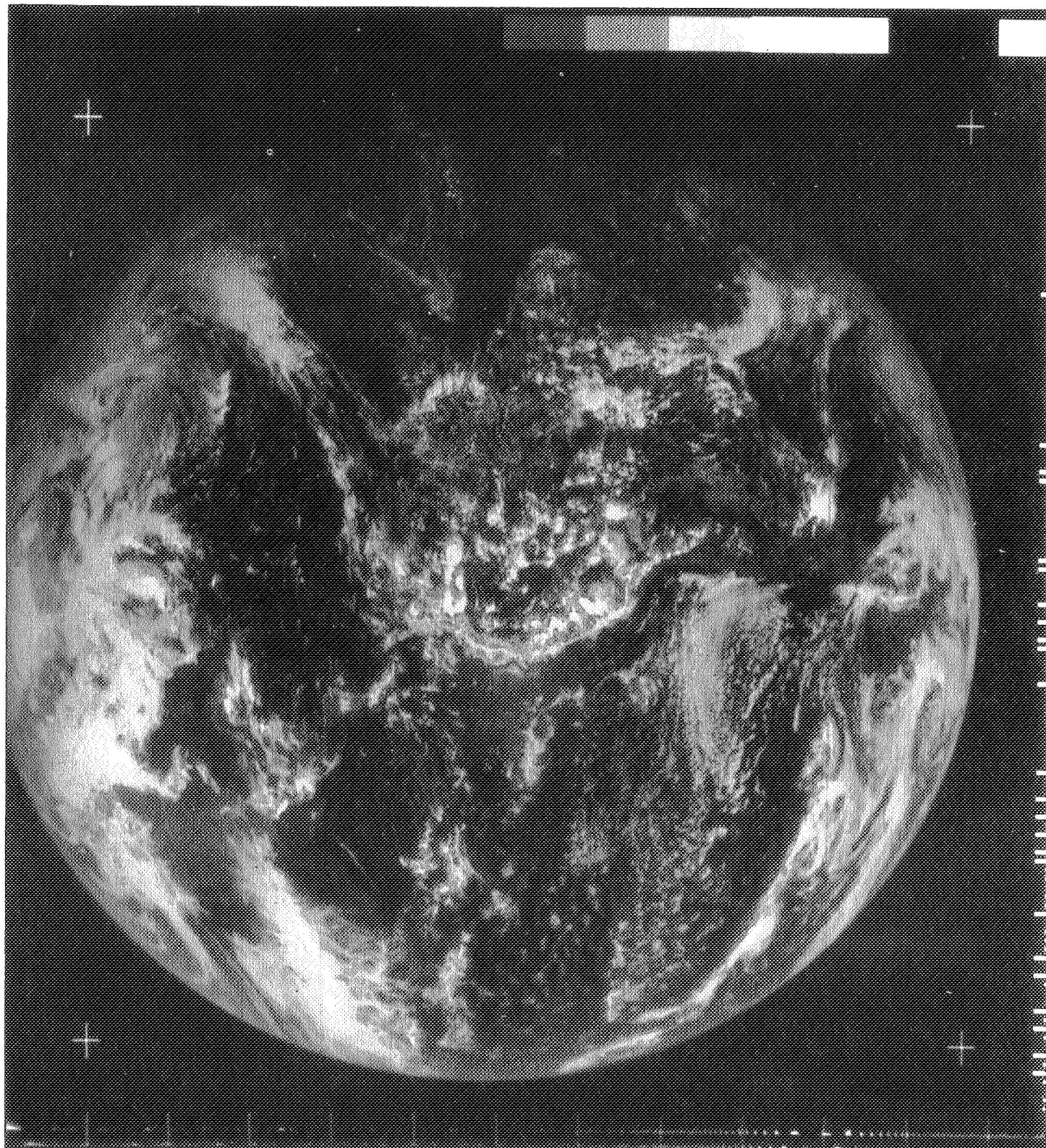
**MSSCC**

24 Feb 69

SSP 72.77 W 0.44 N

Seq	End Time	Remarks
1	18 43 59	
2	19 09 15	
3	19 34 31	Electronic Interference Picture Fair





ATS-III MSSCC 24 FEB 69 18 43 59 Z 1

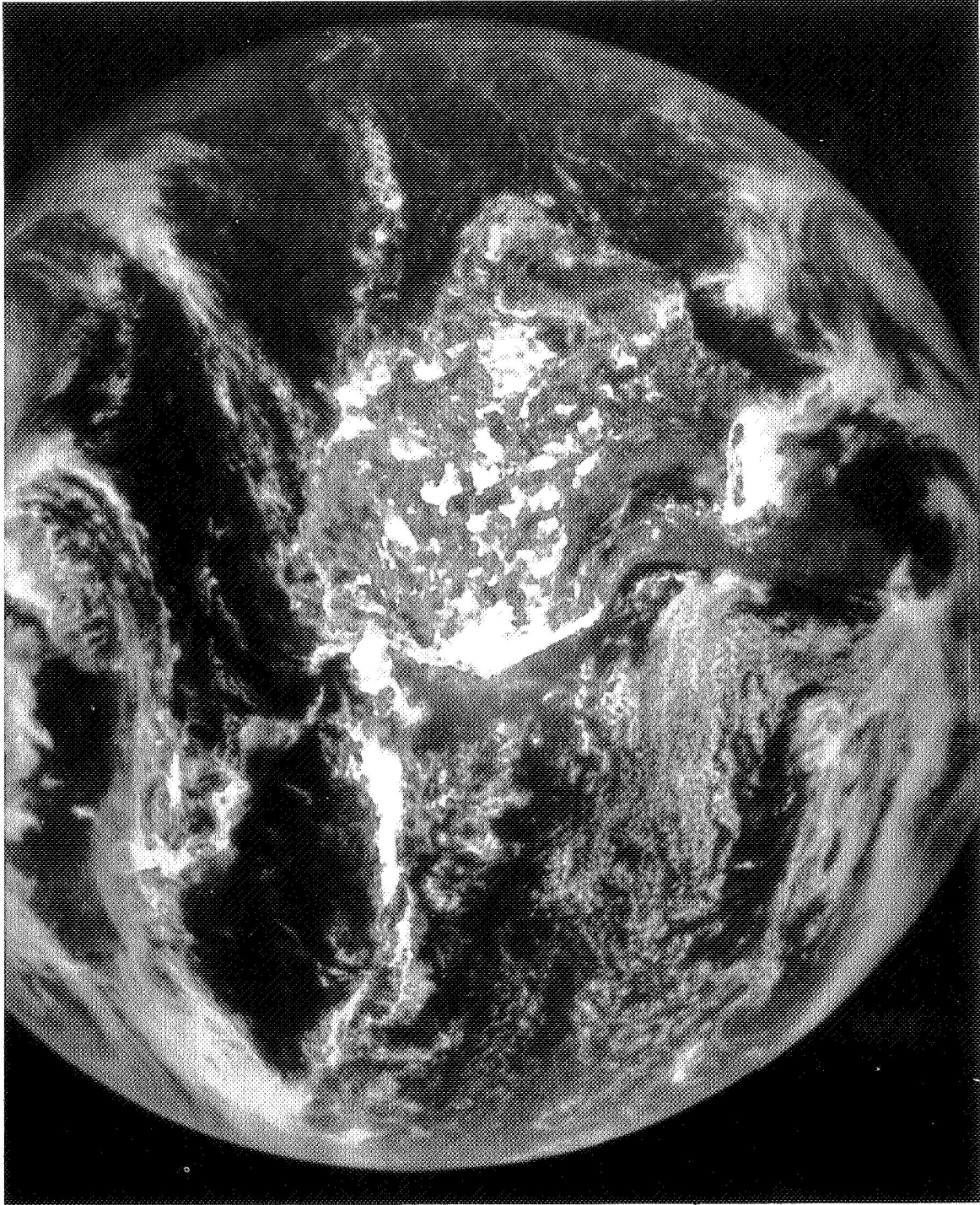
# IDCS

25 Feb 69

SSP 72.73 W 0.44 N

Seq	Start Time			Remarks
1	13	30	35	Poor Contrast
2	13	45	42	Electronic Interference
3	17	32	26	Electronic Interference
4	17	47	40	
5	18	02	59	
6	18	18	35	
7	18	34	40	Phasing Error
8	18	49	10	
9	19	05	00	Electronic Interference
10	19	20	30	Electronic Interference
11	19	36	00	Electronic Interference





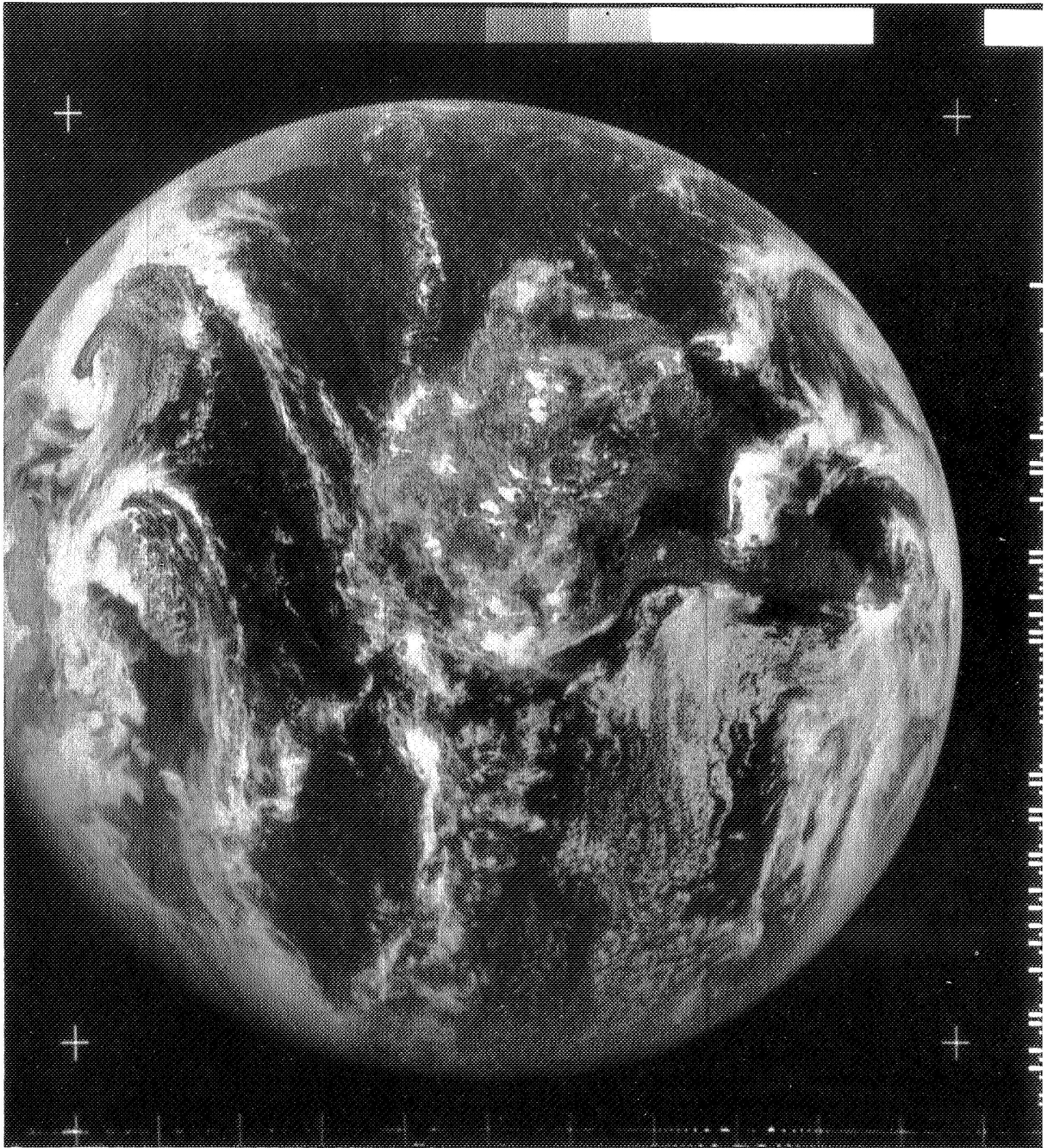
ATS-III IDCS 25 FEB 69 17 47 40 Z 4

**MSSCC**

25 Feb 69

SSP 72.73 W 0.44 N

Seq	End Time	Remarks
1	15 56 36	Electronic Interference Picture Fair



ATS-III MSSCC 25 FEB 69 15 56 36 Z 1

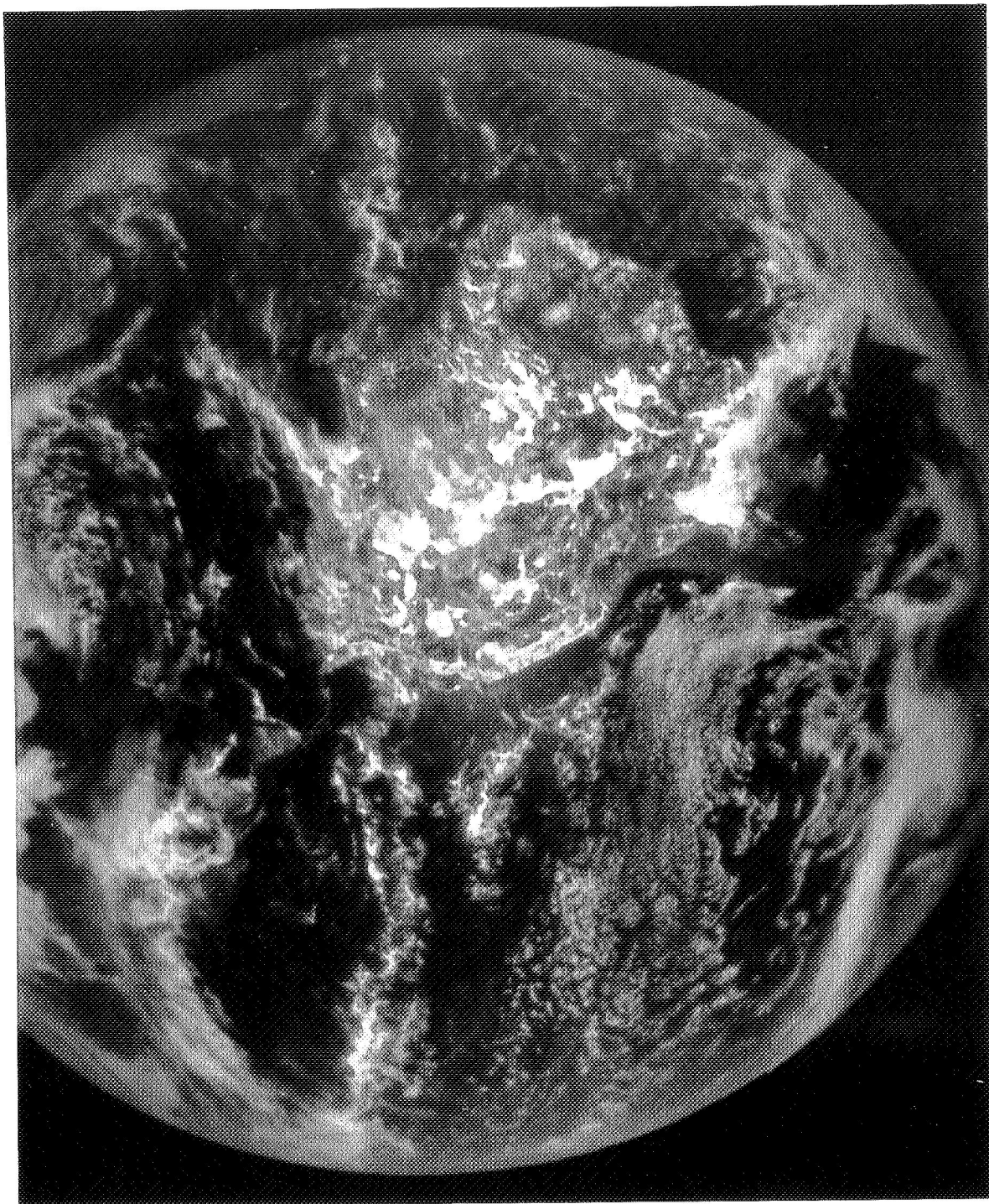
# IDCS

26 Feb 69

SSP 72.68 W 0.44 N

Seq	Start Time			Remarks
1	13	36	05	
2	13	56	30	
3	13	58	00	Electronic Interference
4	14	15	10	Electronic Interference
5	17	22	00	Electronic Interference and Poor Contrast
6	17	36	34	Electronic Interference and Poor Contrast
7	17	51	05	Electronic Interference
8	18	07	30	Electronic Interference
9	18	23	00	Electronic Interference
10	18	38	25	Electronic Interference
11	18	54	00	Electronic Interference
12	19	09	27	Electronic Interference





ATS-III IDCS 26 FEB 69 17 36 34 Z 6

MSSCC

26 Feb 69

SSP 72.68 W 0.44 N

Seq	End Time	Remarks
1	21 41 24	Half Scan Electronic Interference Picture Fair
2	21 54 03	Half Scan Electronic Interference Picture Fair
3	22 07 54	Half Scan Electronic Interference Picture Fair
4	22 20 24	Half Scan Phasing Error
5	22 33 00	Half Scan
6	22 45 52	Half Scan Electronic Interference Picture Fair
7	22 59 22	Half Scan Electronic Interference Picture Fair





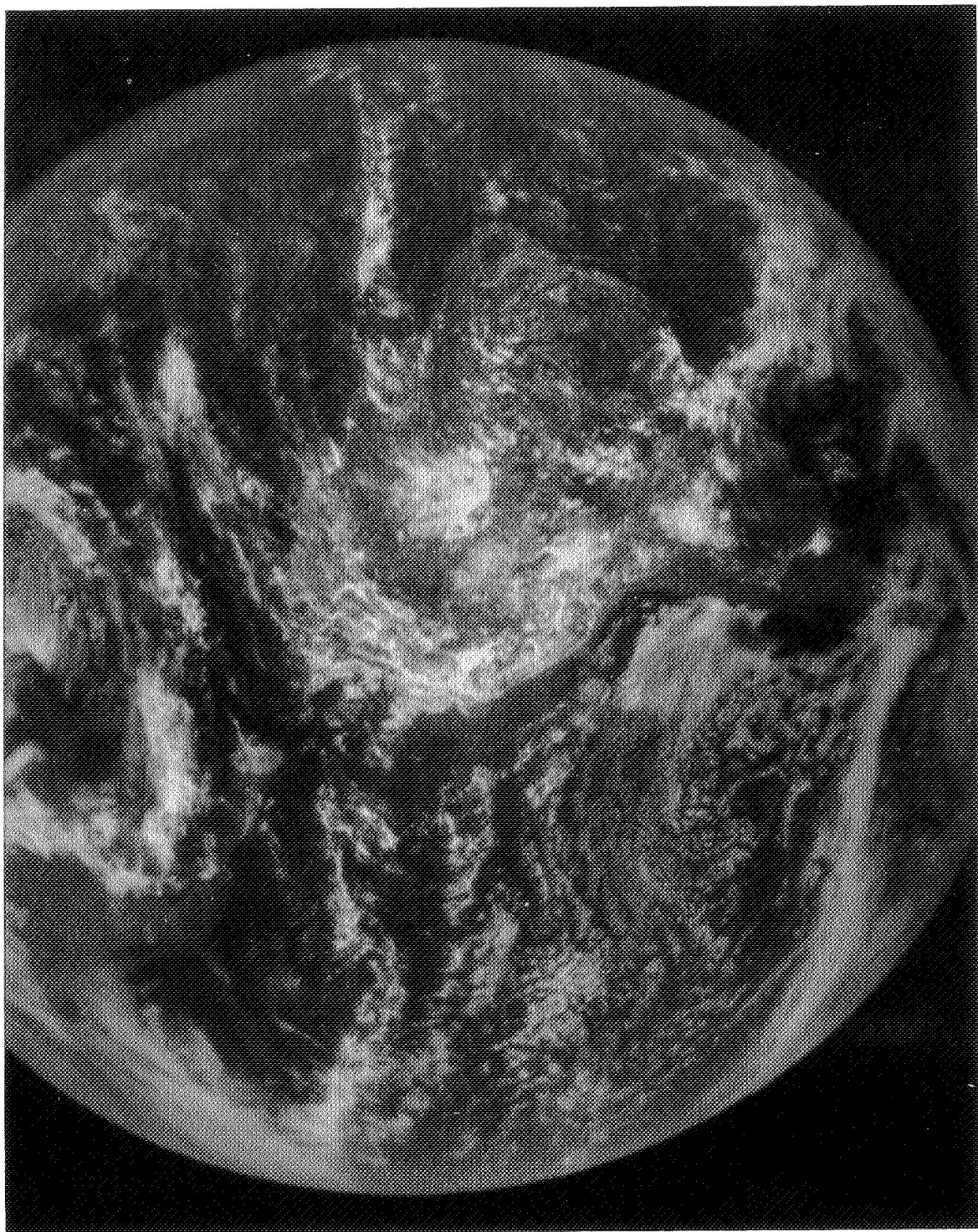
ATS-II MSSC 26 FEB 69 21 54 03 Z 2

# IDCS

27 Feb 69

SSP 72.64W 0.43 N

Seq	Start Time			Remarks
1	13	22	30	Poor Contrast
2	13	37	50	
3	13	53	24	Electronic Interference
4	17	30	25	
5	17	44	50	
6	18	00	17	
7	18	15	44	
8	18	31	13	
9	18	46	40	
10	19	02	10	Electronic Interference
11	19	17	35	



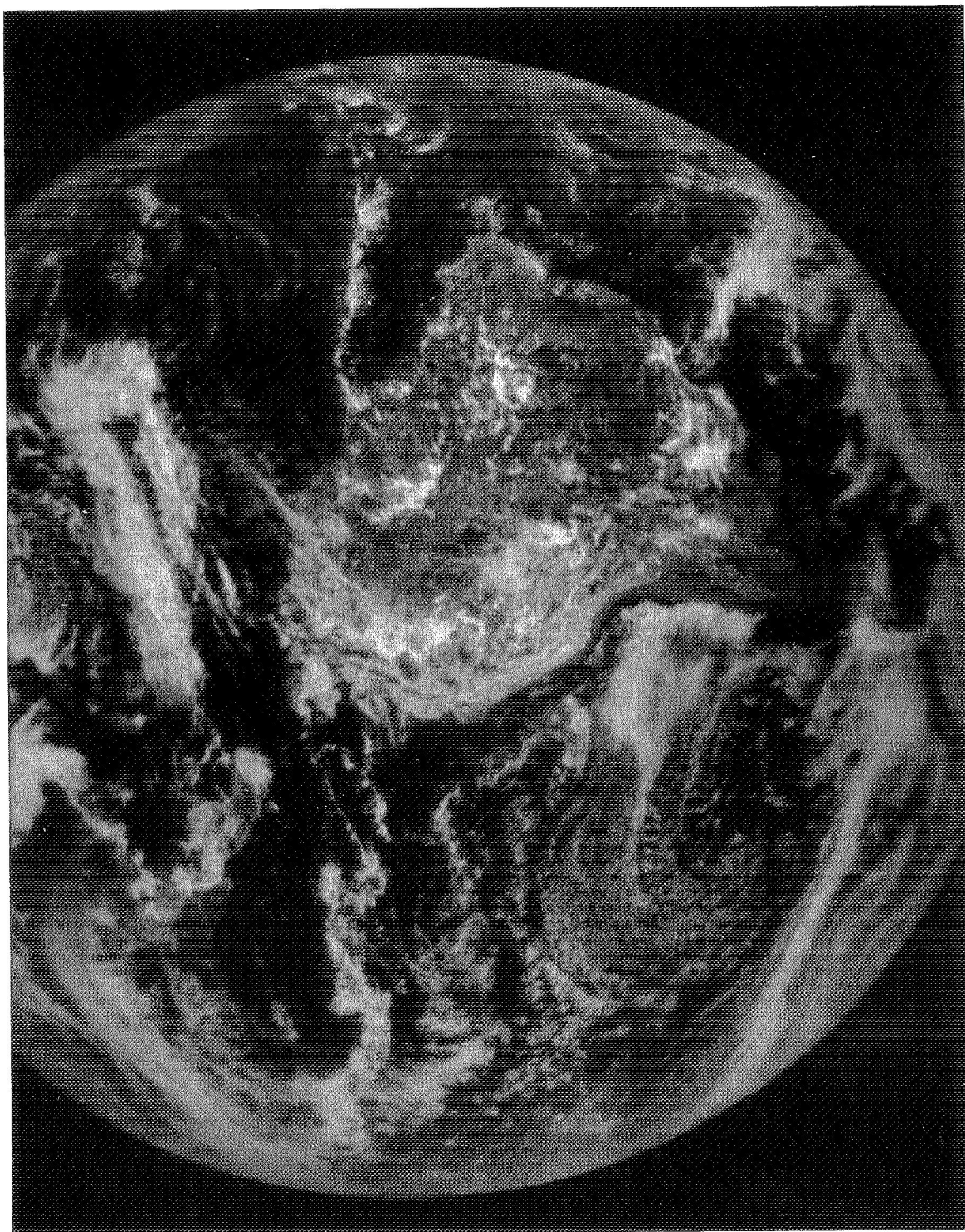
ATS-III IDCS 27 FEB 69 17 30 25 Z 4

# IDCS

28 Feb 69

SSP 72.60 W 0.43 N

Seq	Start Time			Remarks
1	13	28	23	Electronic Interference
2	13	42	40	Electronic Interference
3	16	45	02	
4	17	01	00	
5	19	54	25	
6	20	19	22	Electronic Interference



ATS-III IDCS 28 FEB 69 17 01 00 Z 4

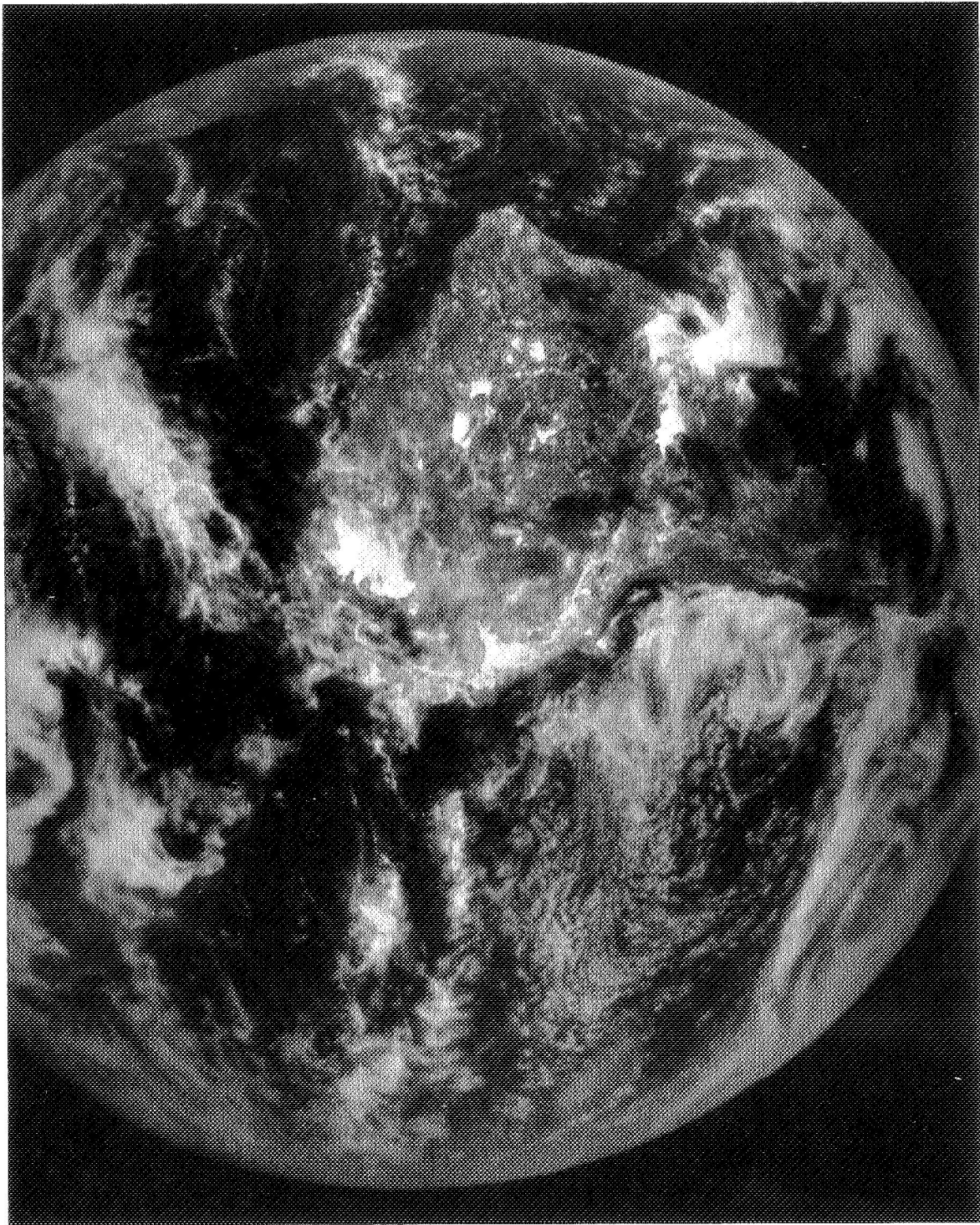
# IDCS

1 Mar 69

SSP 72.57 W 0.43 N

Seq	Start Time			Remarks
1	13	35	45	
2	13	49	30	
3	16	30	05	
4	19	46	25	





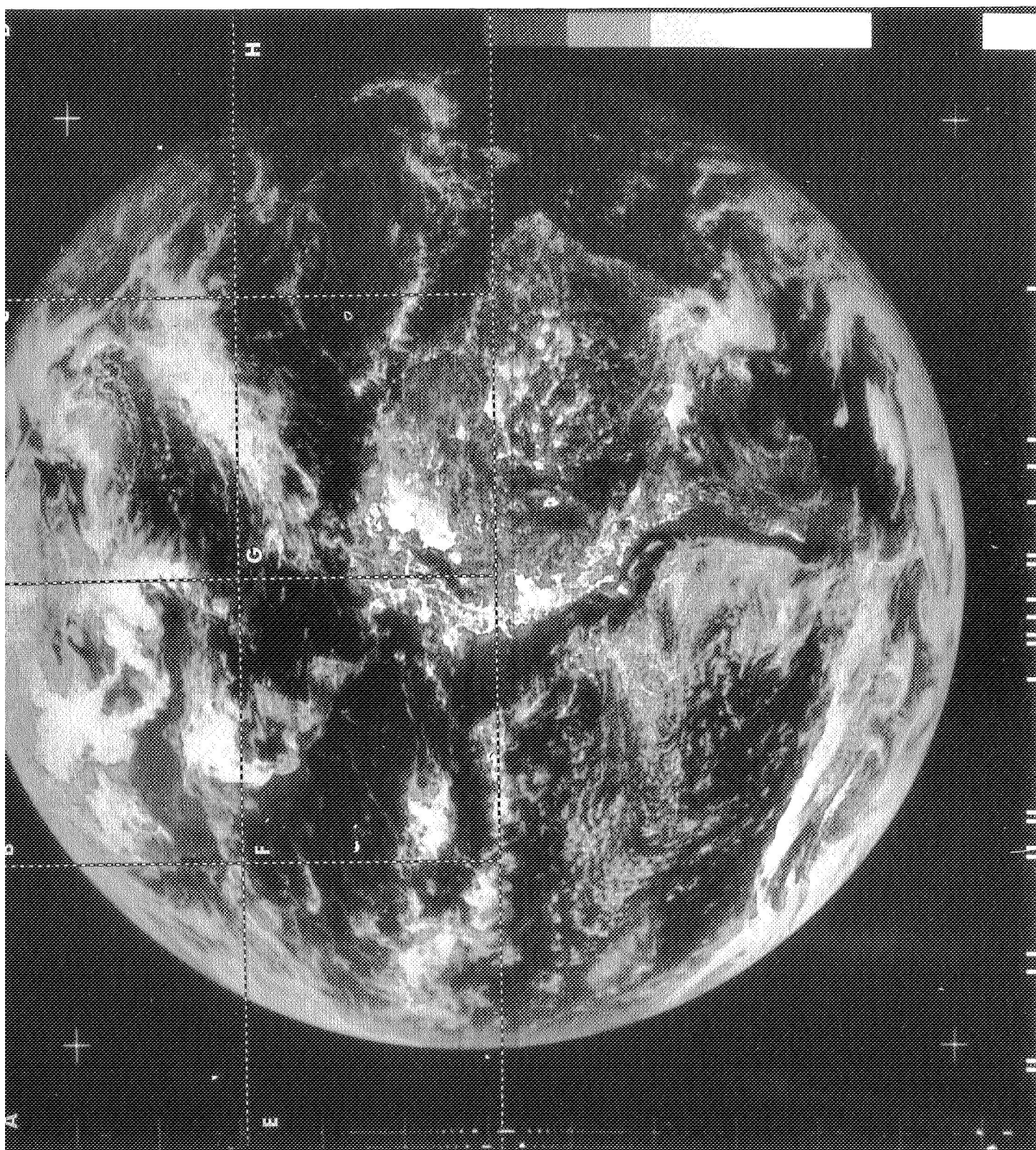
ATS-III IDCS 1 MAR 69 16 30 05 Z 3

MSSCC

1 Mar 69

SSP 72.57 W 0.43 N

Seq	End Time	Remarks
1	18 03 30	
2	18 28 45	
3	18 54 01	
4	19 19 20	



ATS-III MSSCC 1 MAR 69 18 03 30 Z 1

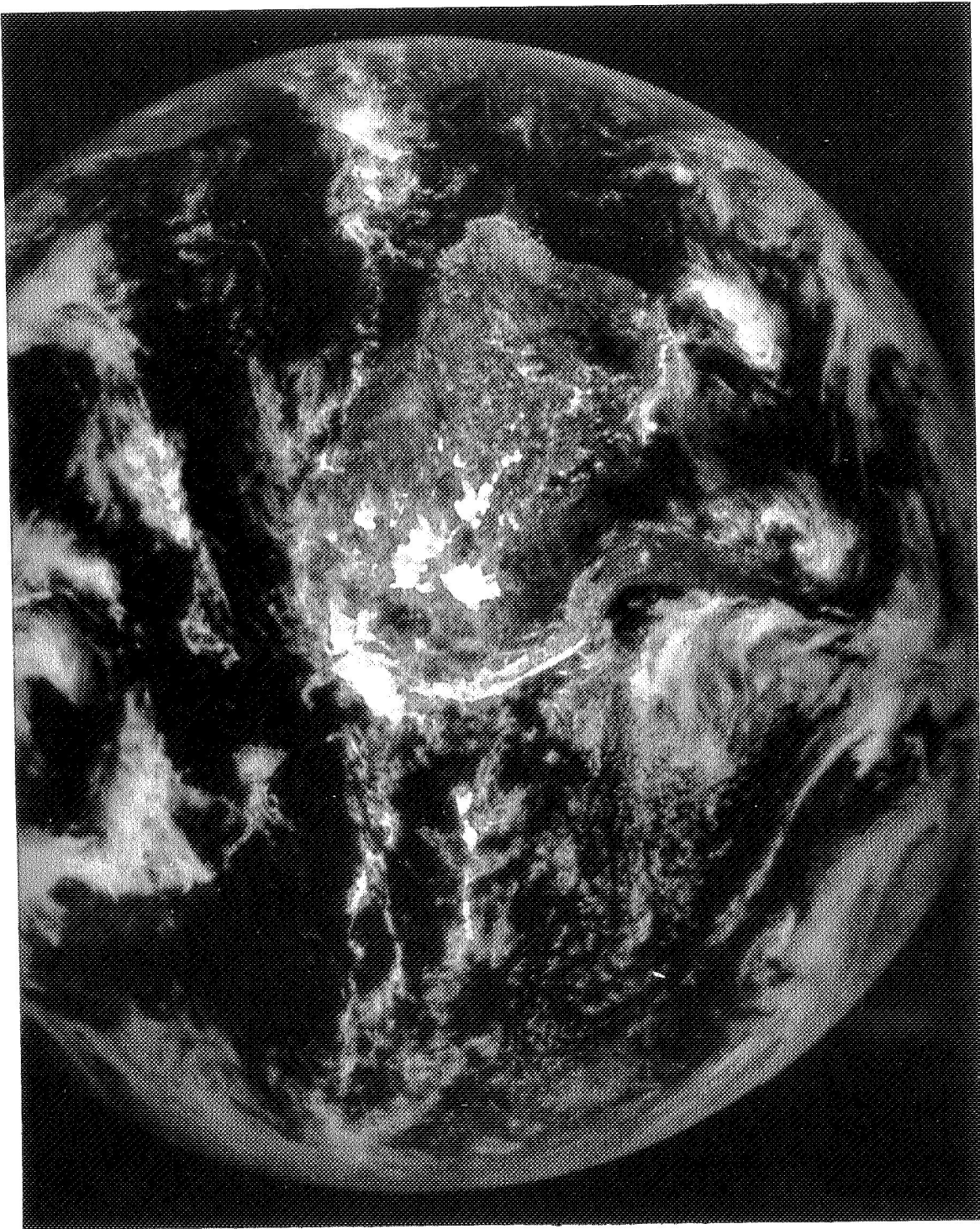
## IDCS

2 Mar 69

SSP 72.54 W 0.36 N

Seq	Start	Time	Remarks
1	13	13 10	
2	13	28 45	
3	16	33 15	
4	19	48 05	





ATS-III IDCS 2 MAR 69 16 33 15 Z 3

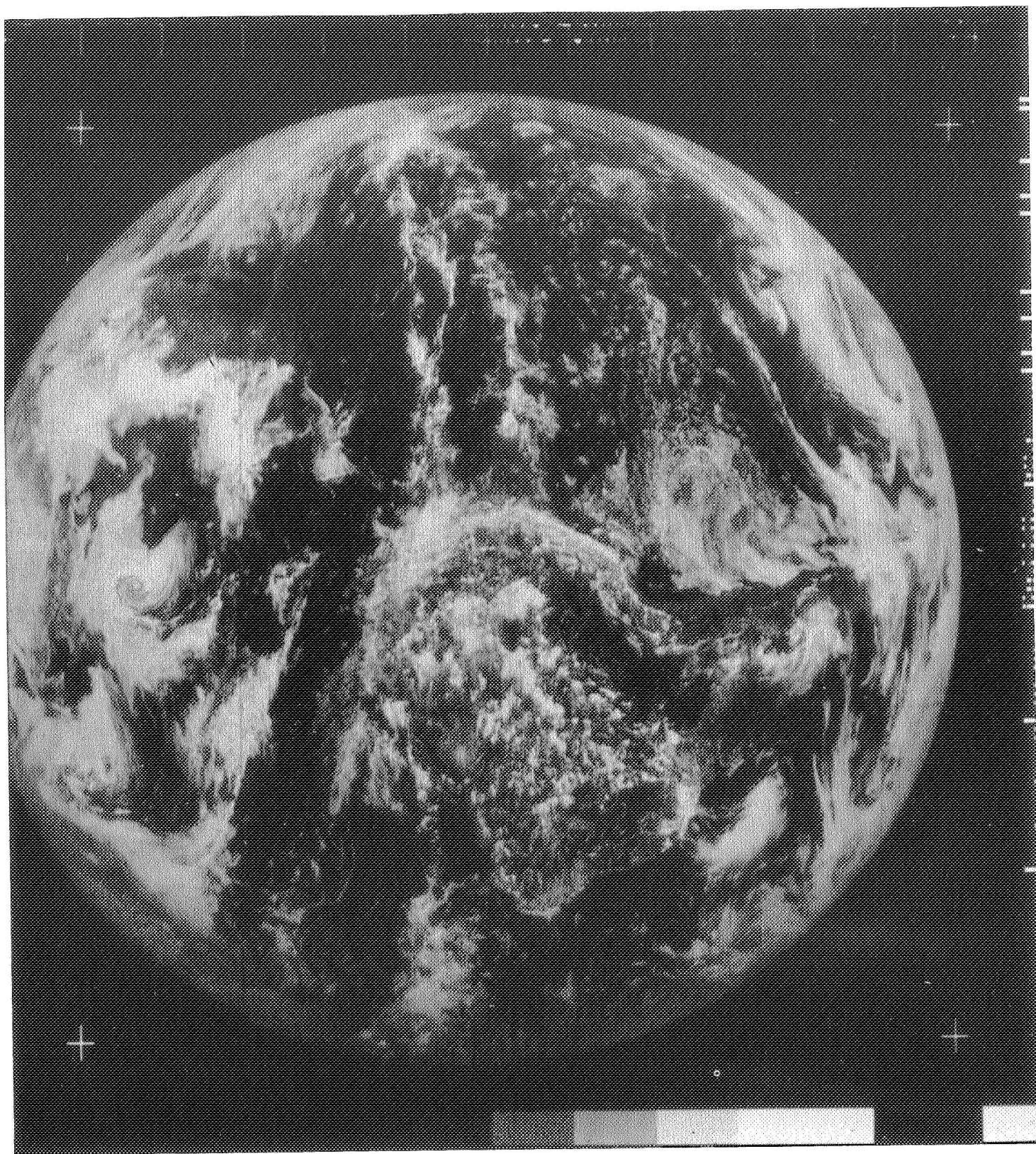
# MSSCC

2 Mar 69

SSP 72.54 W 0.36 N

Seq	End Time	Remarks
1	18 09 18	
2	18 34 34	
3	18 59 49	
4	19 25 09	





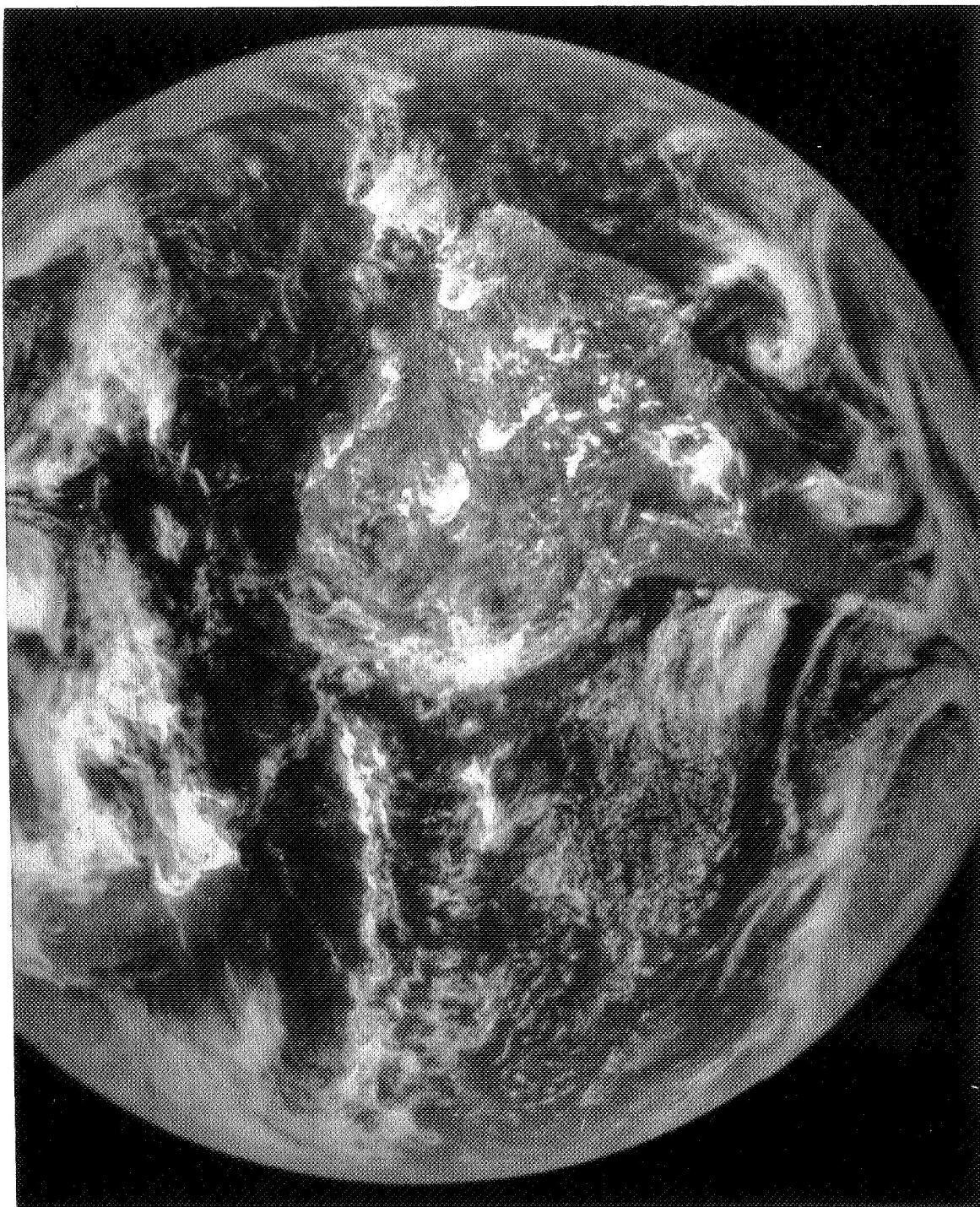
ATS-III MSSC 2 MAR 69 18 09 18 Z 1

## IDCS

3 Mar 69

SSP 72.50 W 0.43 N

Seq	Start Time	Remarks
1	13 42 07	Electronic Interference
2	16 55 56	



ATS-III IDCS 3 MAR 69 16 55 56 Z 2

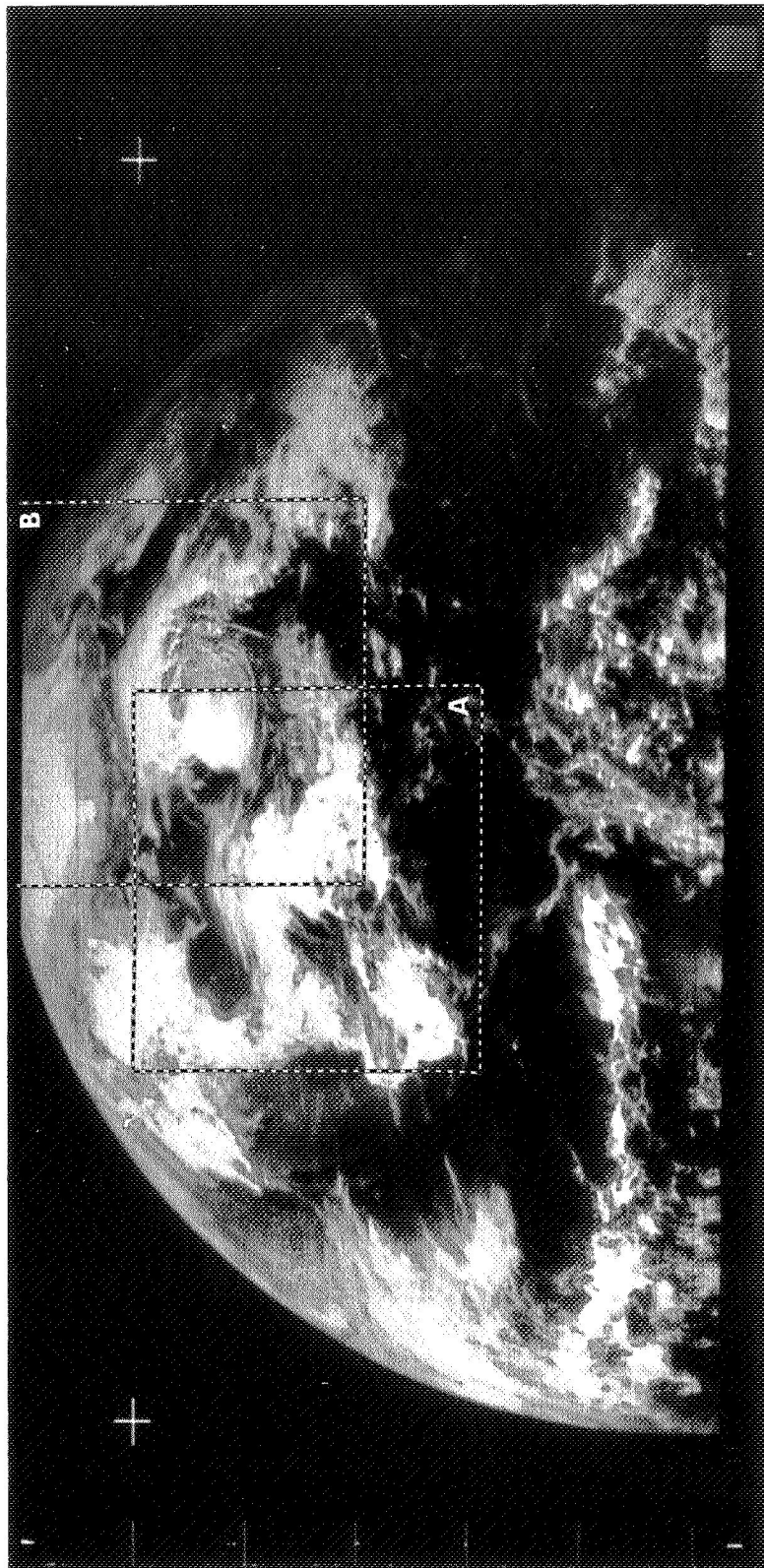
# MSSCC

3 Mar 69

SSP 72.50 W 0.43 N

Seq	End Time	Remarks
1	19 06 15	Half Scan
2	19 18 49	Half Scan
3	19 32 10	Half Scan
4	19 44 49	Half Scan
5	19 58 22	Half Scan Double Image on Top
6	20 11 04	Half Scan
7	20 23 41	Half Scan
8	20 36 17	Half Scan
9	20 48 54	Half Scan
10	21 01 30	Half Scan
11	21 14 06	Half Scan Electronic Interference Picture Fair
12	21 26 42	Half Scan Electronic Interference Picture Fair
13	21 39 19	Half Scan Electronic Interference Picture Fair
14	21 51 56	Half Scan
15	22 04 32	Half Scan
16	22 17 09	Half Scan
17	22 29 42	Half Scan
18	22 42 18	Half Scan
19	22 54 57	Half Scan
20	23 07 31	Half Scan
21	23 20 14	Half Scan
22	23 32 44	Half Scan
23	23 45 20	Half Scan
24	23 57 57	Half Scan





ATS-III MSSCC 3 MAR 69 19 06 15 Z 1

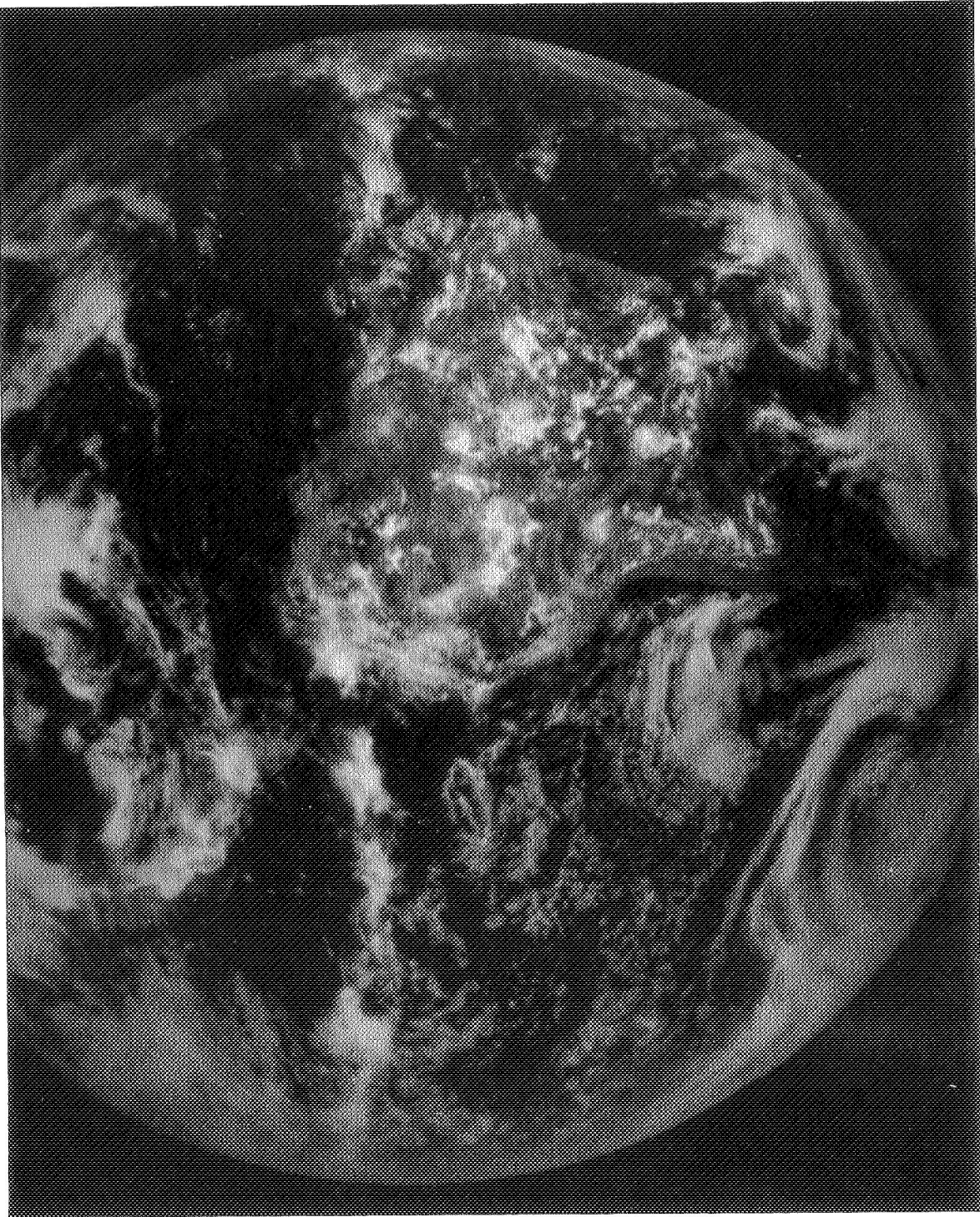
# IDCS

4 Mar 69

SSP 72.47 W 0.43 N

Seq	Start Time			Remarks
1	13	10	15	
2	16	53	40	
3	17	03	30	
4	19	58	08	Phasing Error





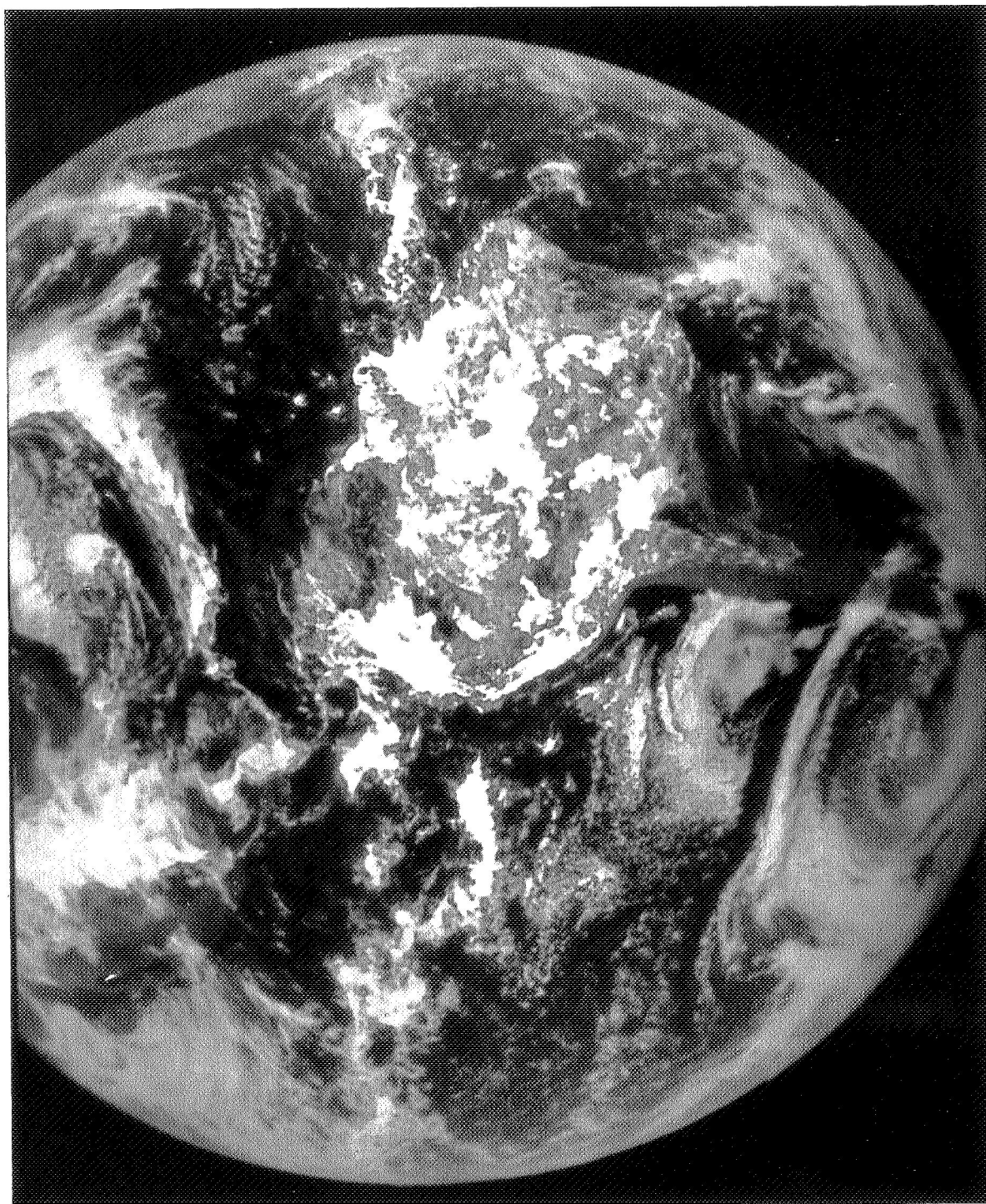
ATS-III IDCS 4 MAR 69 16 53 40 Z 2

## IDCS

5 Mar 69

SSP 72.44 W 0.43 N

Seq	Start Time			Remarks
1	13	31	55	Electronic Interference
2	13	46	03	
3	16	55	25	



ATS-III IDCS 5 MAR 69 16 55 25 Z 3

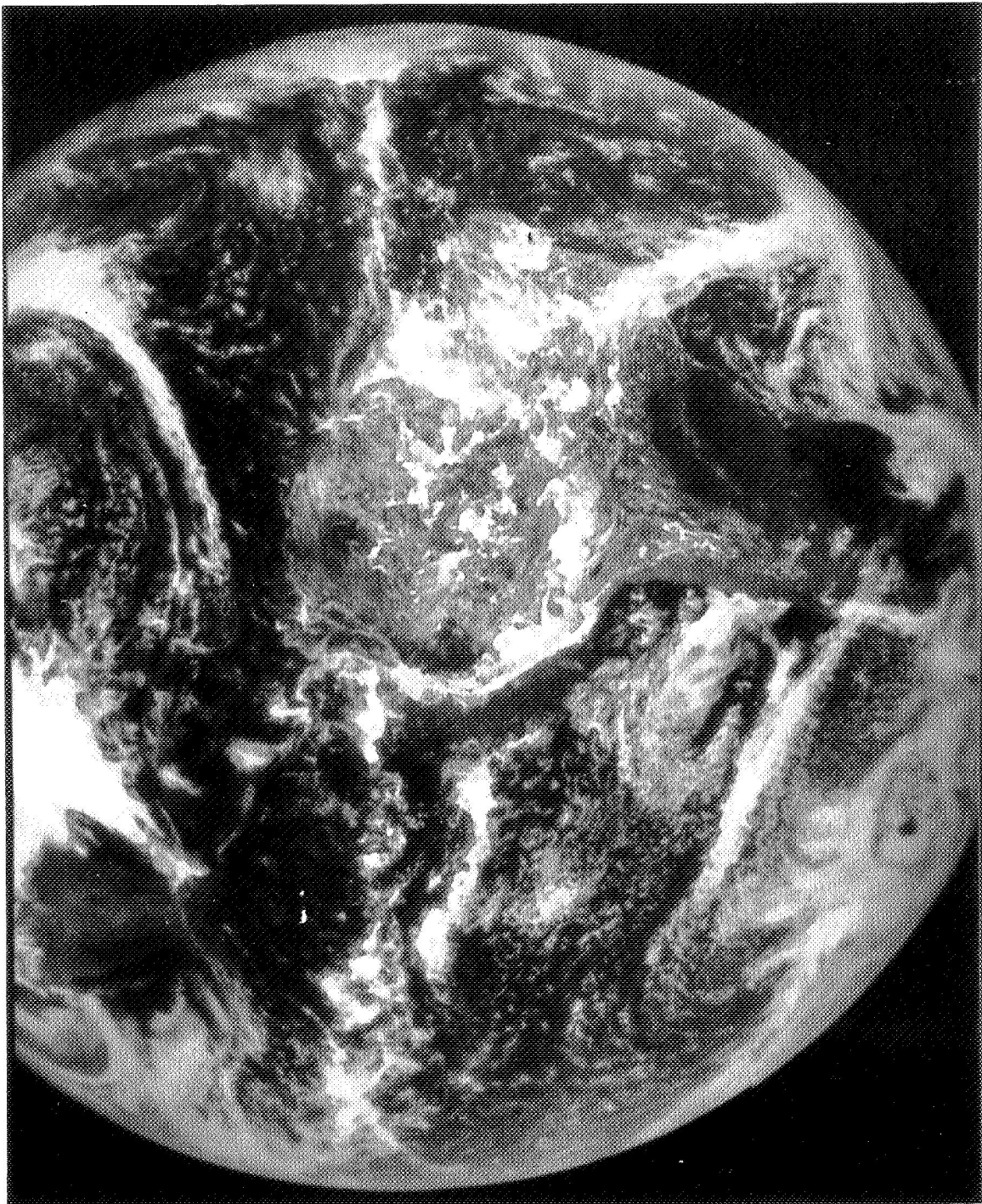
## IDCS

6 Mar 69

SSP 72.42 W 0.43 N

Seq	Start	Time	Remarks
1	13	28 54	
2	17	11 00	
3	19	46 43	Electronic Interference





ATS-III IDCS 6 MAR 69 17 11 00 Z 2

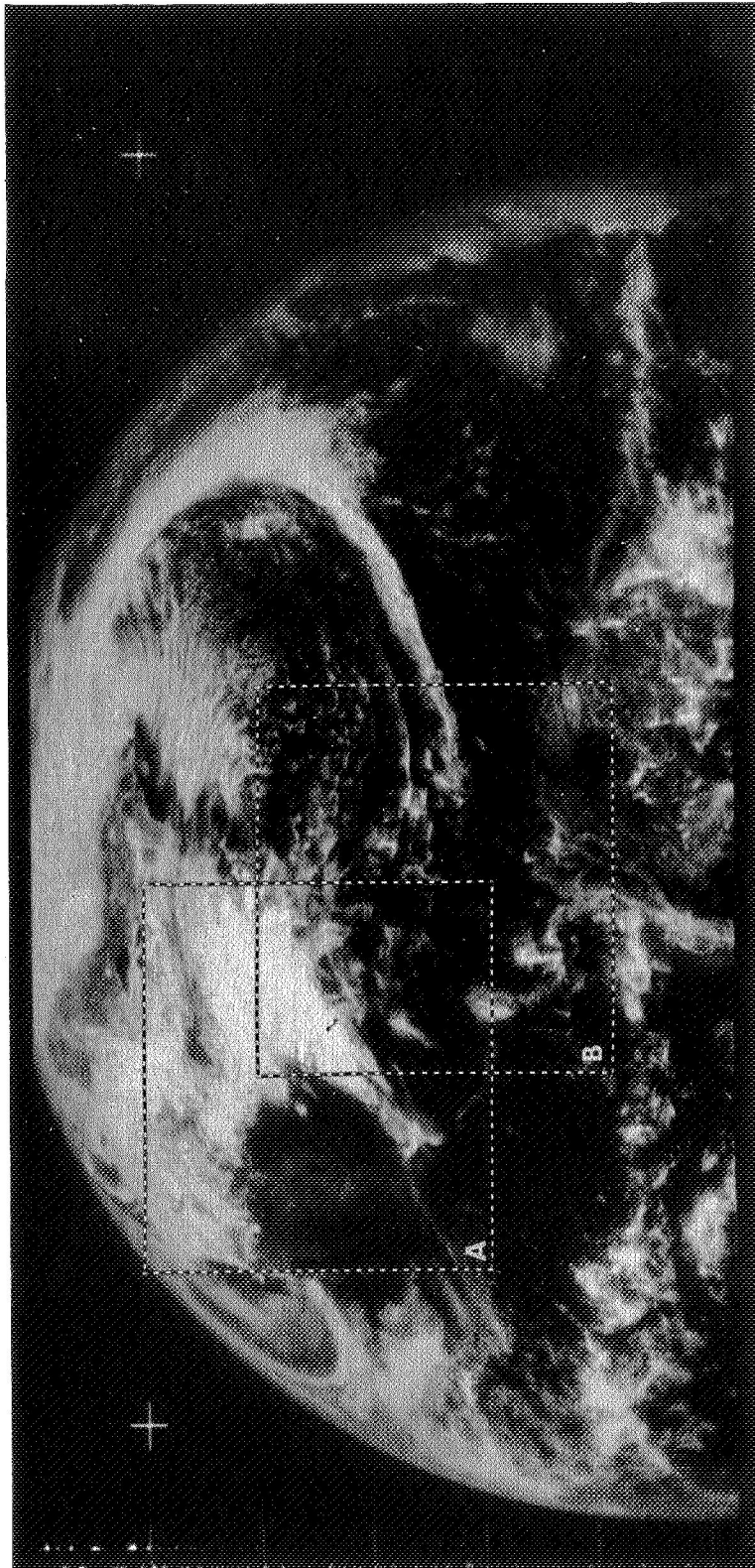
## MSSCC

6 Mar 69

SSP 72.42 W 0.43 N

Seq	End Time	Remarks
1	17 28 05	Half Scan
2	17 41 32	Half Scan
3	17 54 08	Half Scan Phasing Error
4	18 06 45	Half Scan
5	18 19 21	Half Scan
6	18 31 57	Half Scan
7	18 39 40	No Data
8	20 30 49	Half Scan Electronic Interference





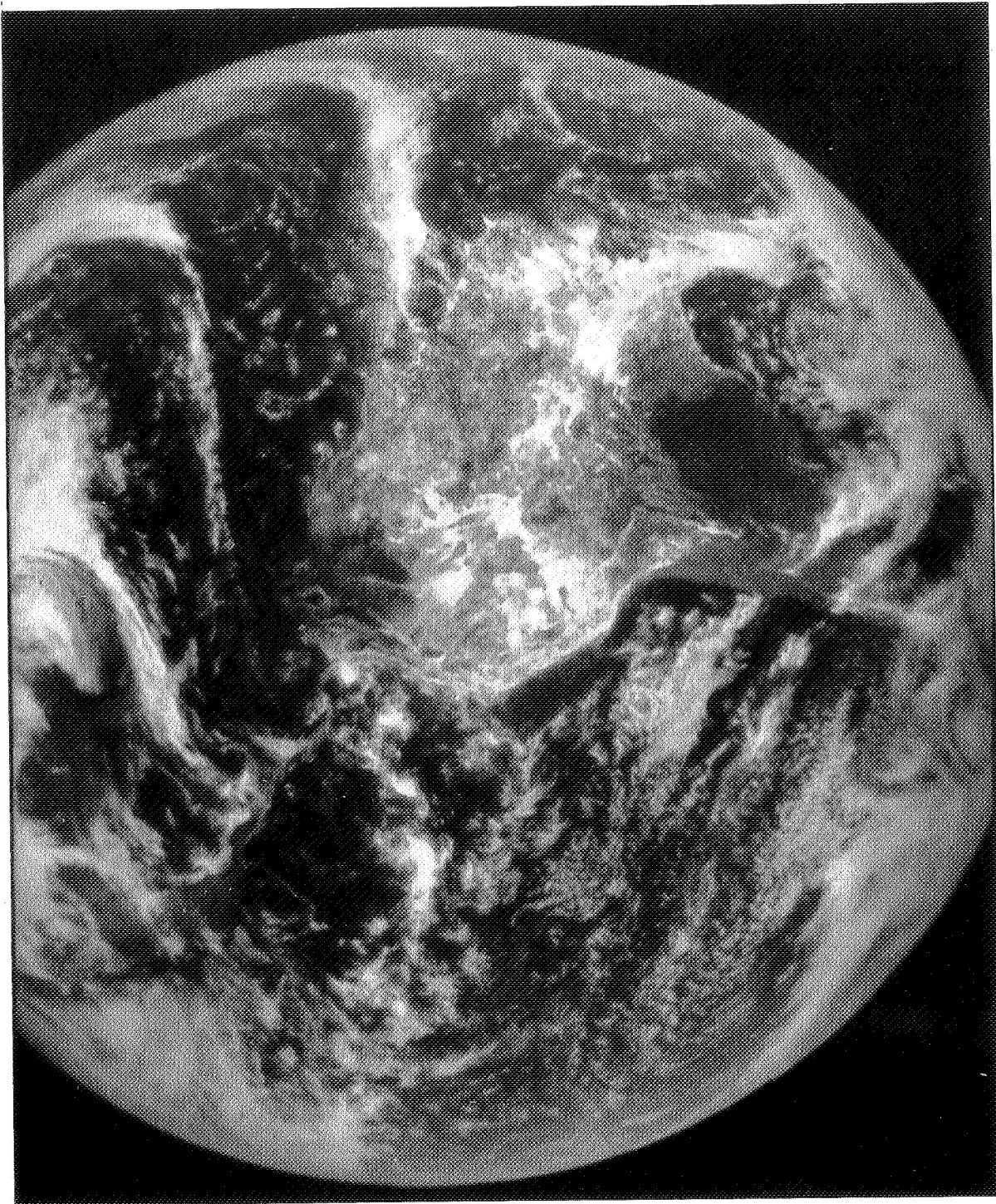
ATS-III MSSCC 6 MAR 69 17 41 32 Z 2

## IDCS

7 Mar 69

SSP 72.39 W 0.43 N

Seq	Start Time			Remarks
1	13	28	10	
2	13	42	33	
3	16	42	27	Phasing Error
4	16	56	37	



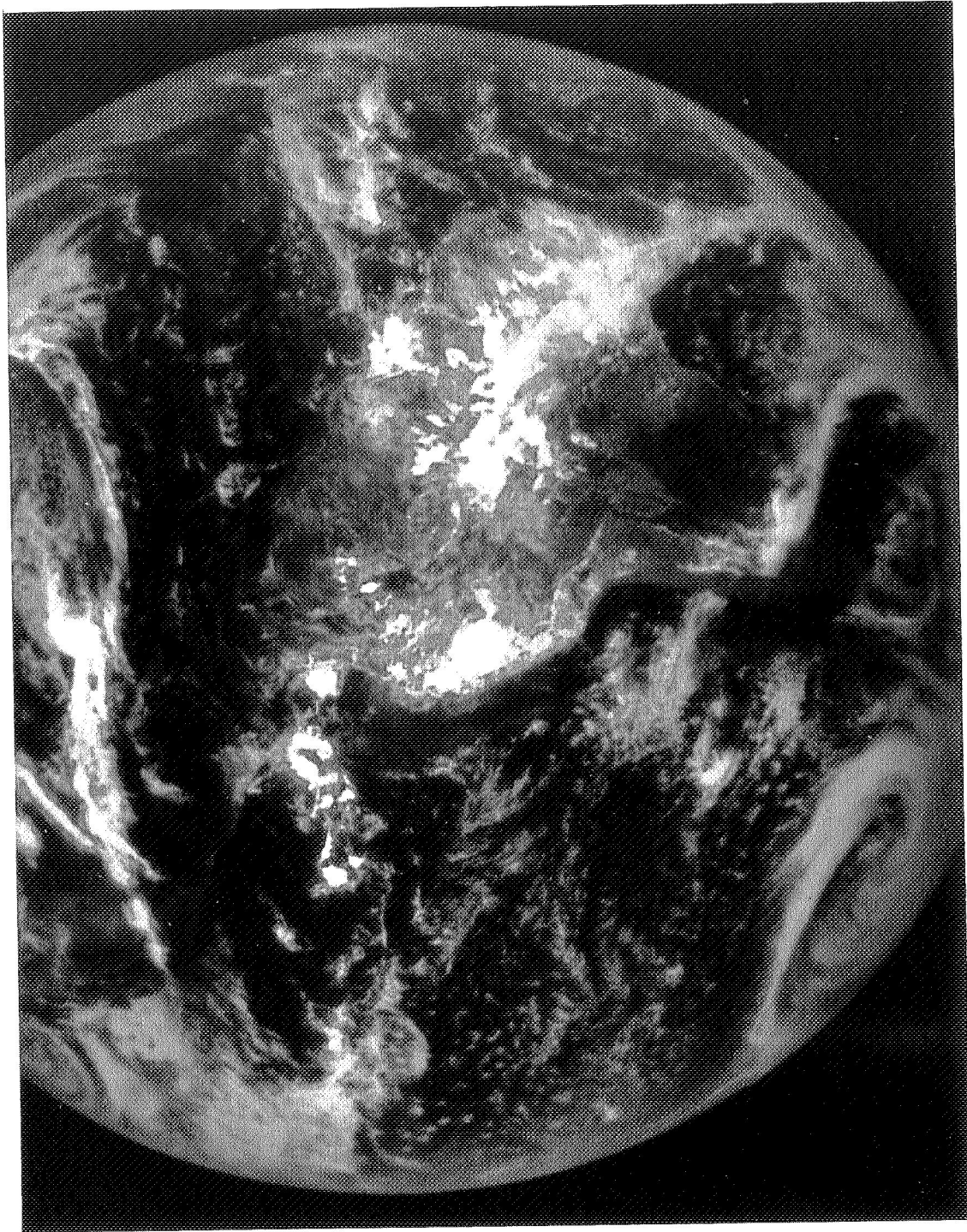
ATS-III IDCS 7 MAR 69 16 56 37 Z 4

## IDCS

8 Mar 69

SSP 72.36 W 0.43 N

Seq	Start	Time	Remarks
1	13	43 56	Phasing Error and Electronic Interference
2	17	10 00	
3	19	37 30	



ATS-III IDCS 8 MAR 69 17 10 00 Z 2

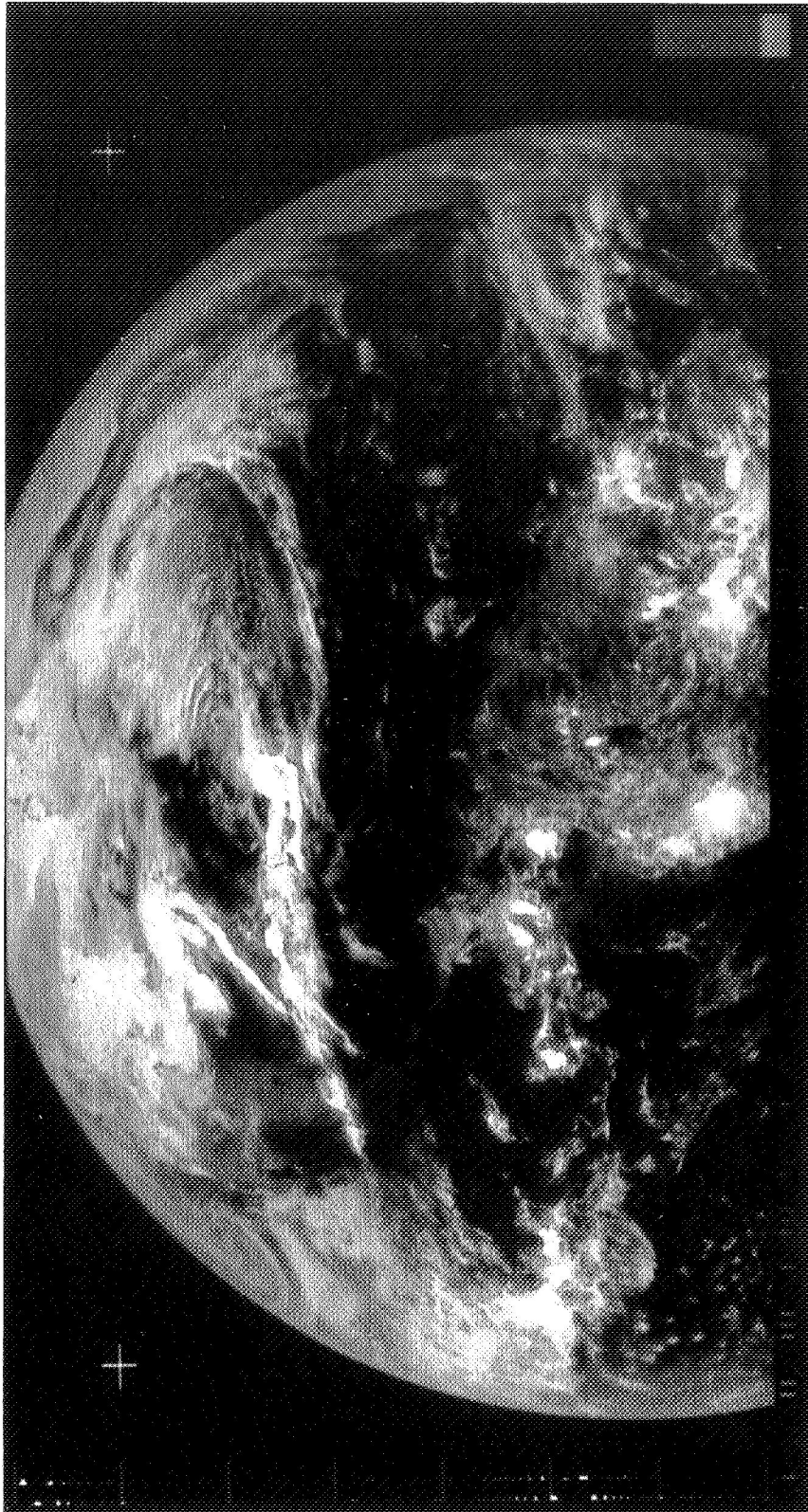
# MSSCC

8 Mar 69

SSP 72.36 W 0.43 N

Seq	End Time	Remarks
1	11 38 45	
2	12 04 01	
3	12 29 17	
4	12 54 33	
5	13 19 49	
6	13 45 05	
7	17 31 33	3/4 Scan
8	17 44 15	3/4 Scan
9	17 56 49	3/4 Scan
10	18 09 22	3/4 Scan
11	18 21 55	3/4 Scan
12	18 34 29	3/4 Scan
13	18 47 02	3/4 Scan
14	18 59 36	3/4 Scan
15	19 12 12	3/4 Scan
16	19 24 36	3/4 Scan
17	19 38 06	3/4 Scan
18	19 50 49	3/4 Scan
19	20 03 22	3/4 Scan
20	20 15 56	3/4 Scan
21	20 28 17	3/4 Scan
22	20 40 45	3/4 Scan
23	20 55 26	3/4 Scan Phasing Error
24	21 18 34	3/4 Scan
25	21 33 40	3/4 Scan
26	21 55 36	3/4 Scan
27	22 14 35	3/4 Scan
28	22 40 00	3/4 Scan
29	22 58 53	3/4 Scan
30	23 17 49	3/4 Scan
31	23 36 48	3/4 Scan
32	23 55 41	3/4 Scan





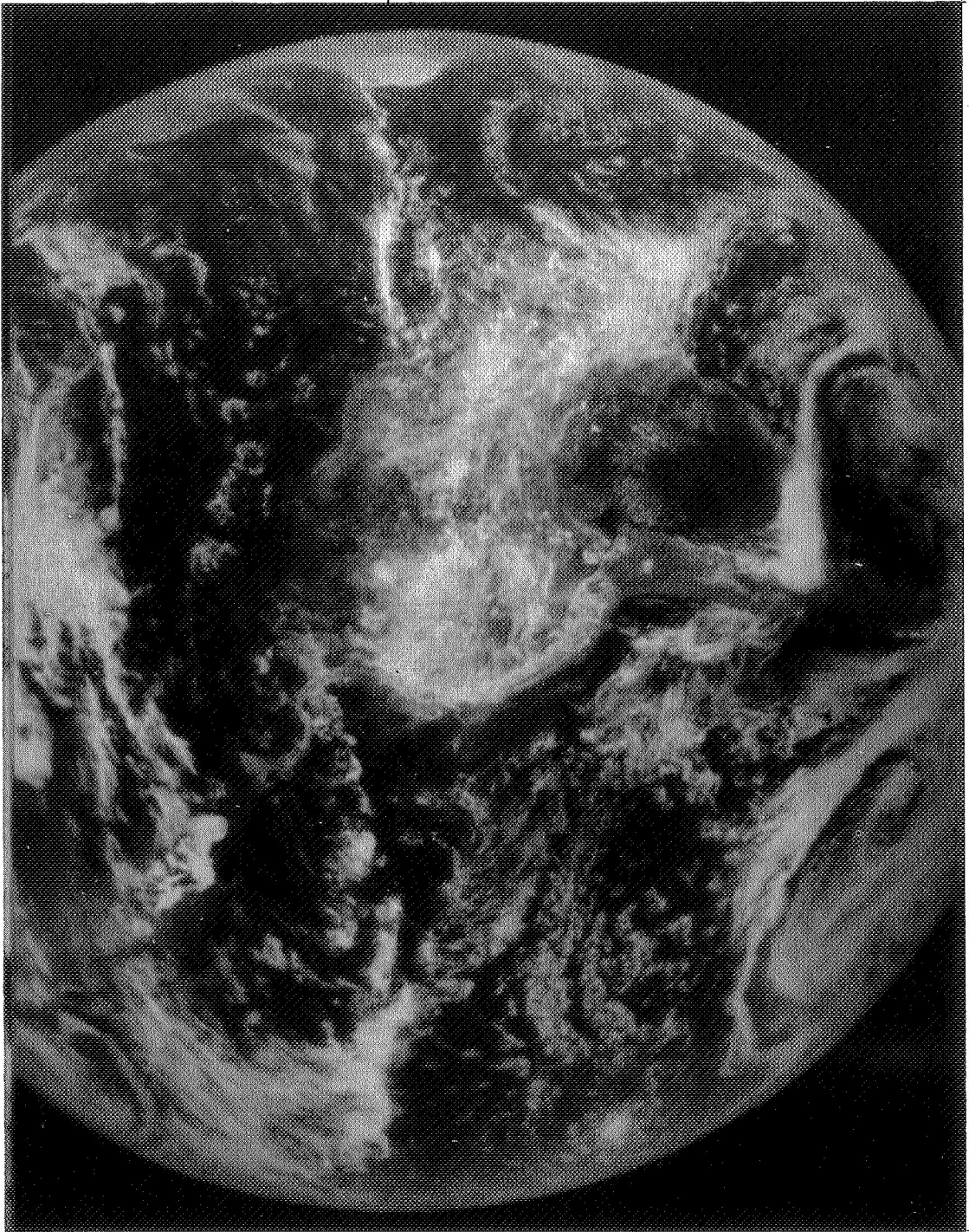
ATS-III MSSCC 8 MAR 69 17 31 33 Z 7

## IDCS

9 Mar 69

SSP 72.34 W 0.42 N

Seq	Start Time			Remarks
1	13	30	32	
2	13	46	02	
3	16	48	05	
4	19	41	56	
5	19	56	48	



ATS-III IDCS 9 MAR 69 16 48 05 Z 3

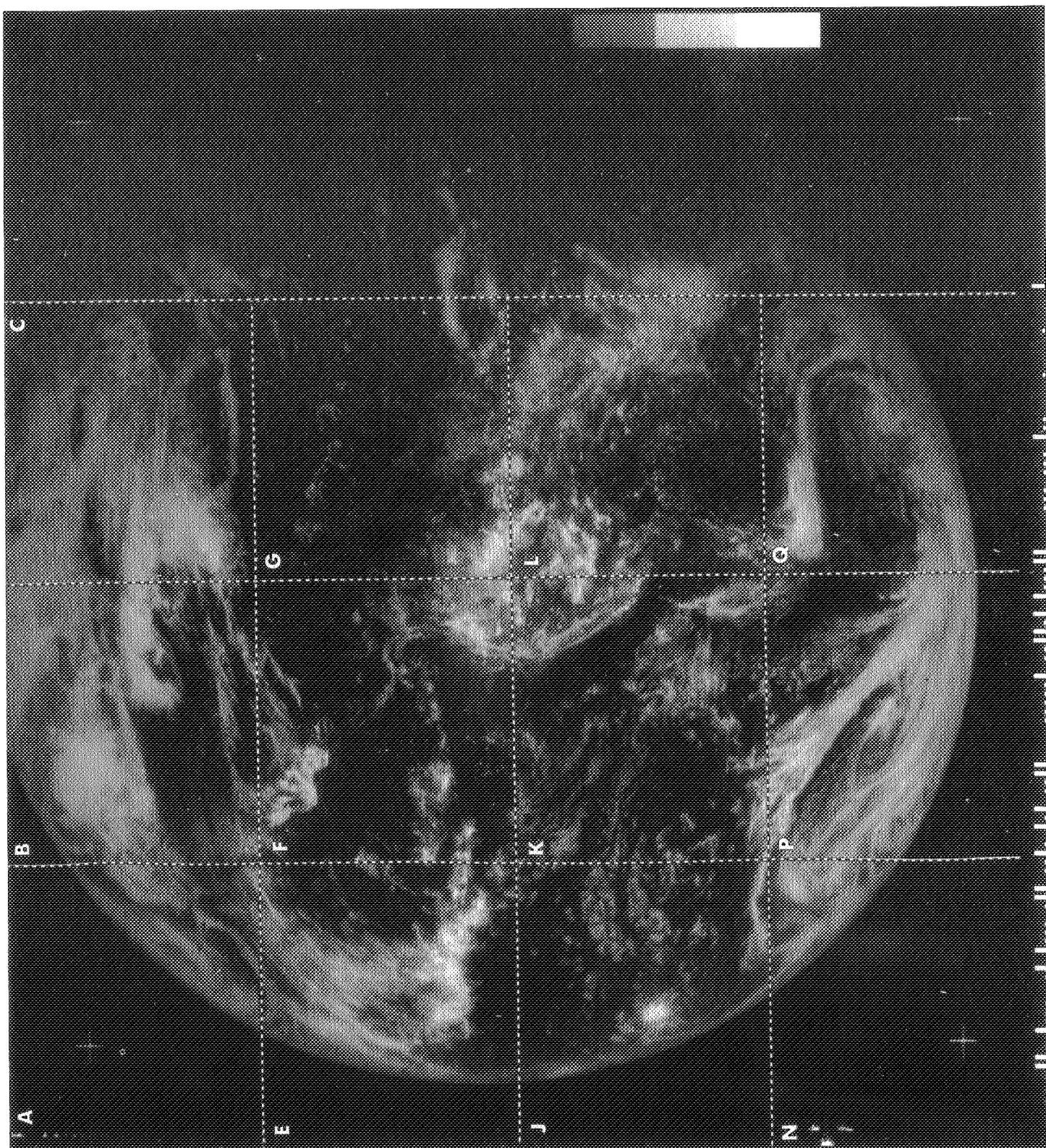
# MSSCC

9 Mar 69

SSP 72.34 W 0.42 N

Seq	End Time	Remarks
1	13 31 37	
2	11 56 53	
3	12 22 09	
4	12 47 25	Phasing Error
5	13 12 41	Phasing Error
6	13 37 56	
7	18 07 38	
8	18 32 53	
9	18 58 10	
10	19 19 38	
11	19 48 44	
12	20 14 00	
13	20 39 16	
14	21 04 31	Phasing Error
15	21 33 24	
16	21 58 40	
17	22 23 58	Electronic Interference Picture Fair
18	23 08 13	
19	23 33 32	
20	23 58 48	





ATS-III MSSCC 9 MAR 69 18 32 53 Z 8

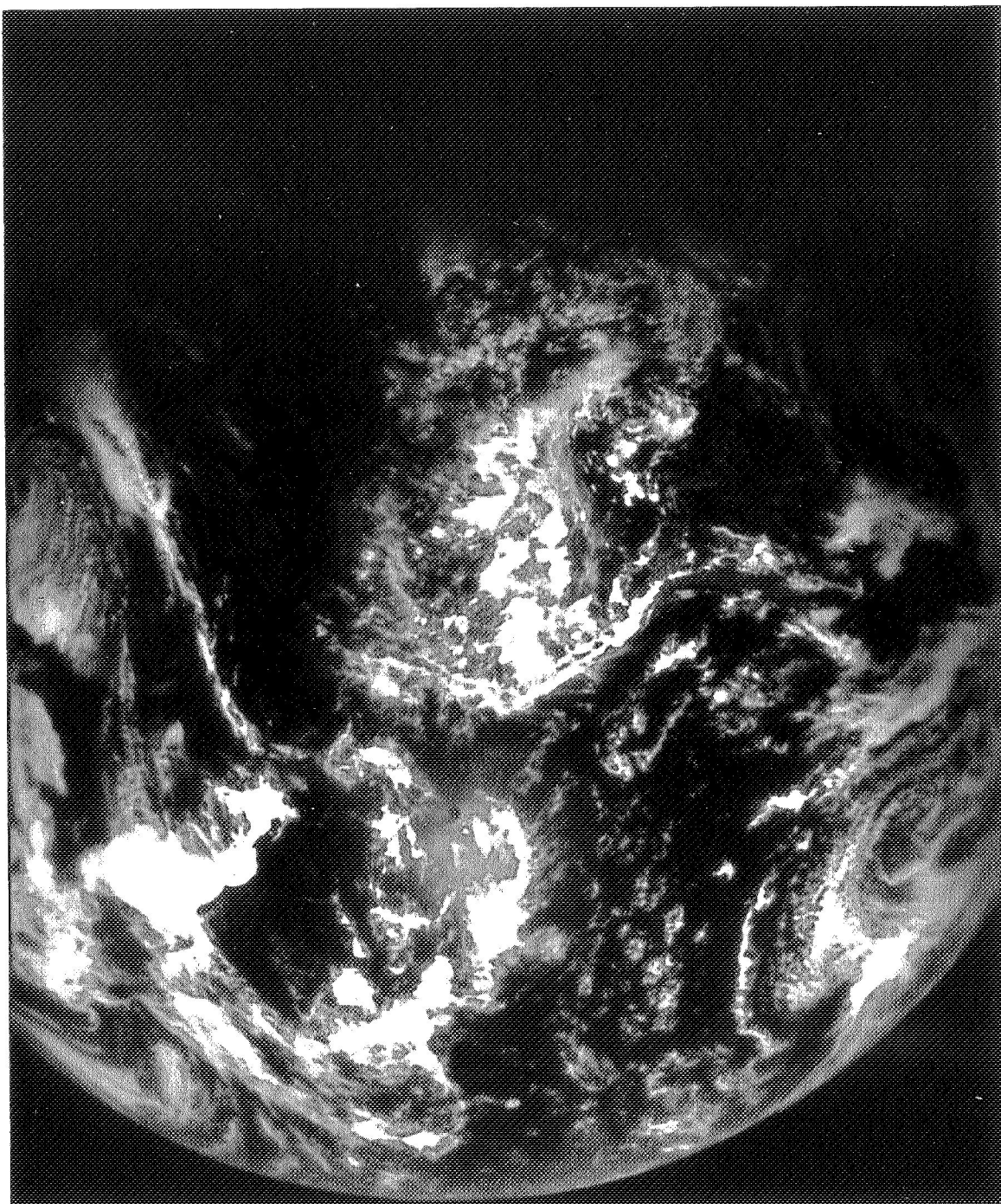
# IDCS

10 Mar 69

SSP 72.31 W 0.42 N

Seq	Start Time	Remarks
1	19 51 15	





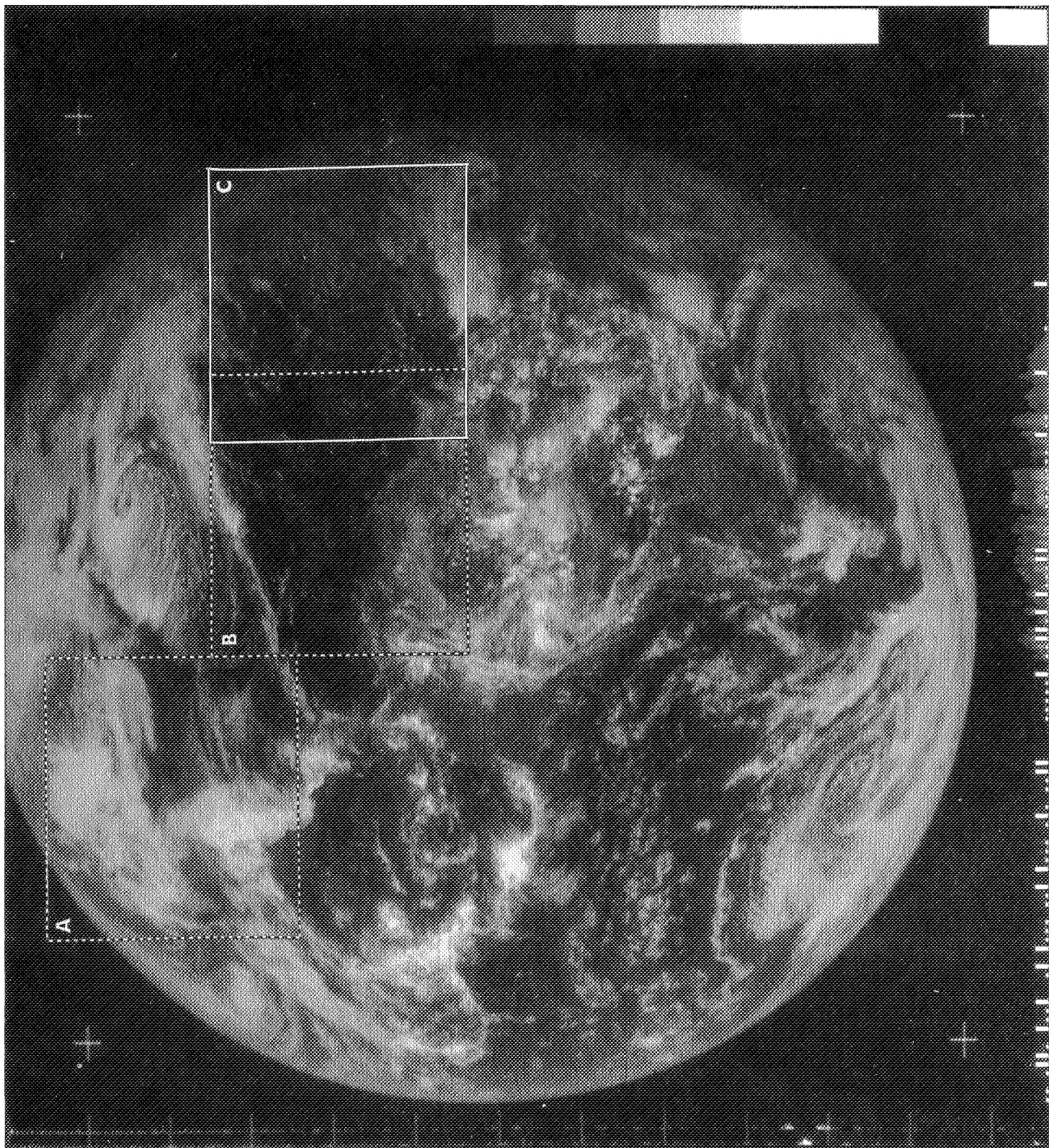
ATS-III IDCS 10 MAR 69 19 51 15 Z 1

# MSSCC

10 Mar 69

SSP 72.31 W 0.42 N

Seq	End Time	Remarks
1	00 24 04	
2	00 49 23	
3	18 18 23	
4	18 43 43	
5	19 08 54	
6	19 34 13	



ATS-III MSSCC 10 MAR 69 18 18 23 Z 3

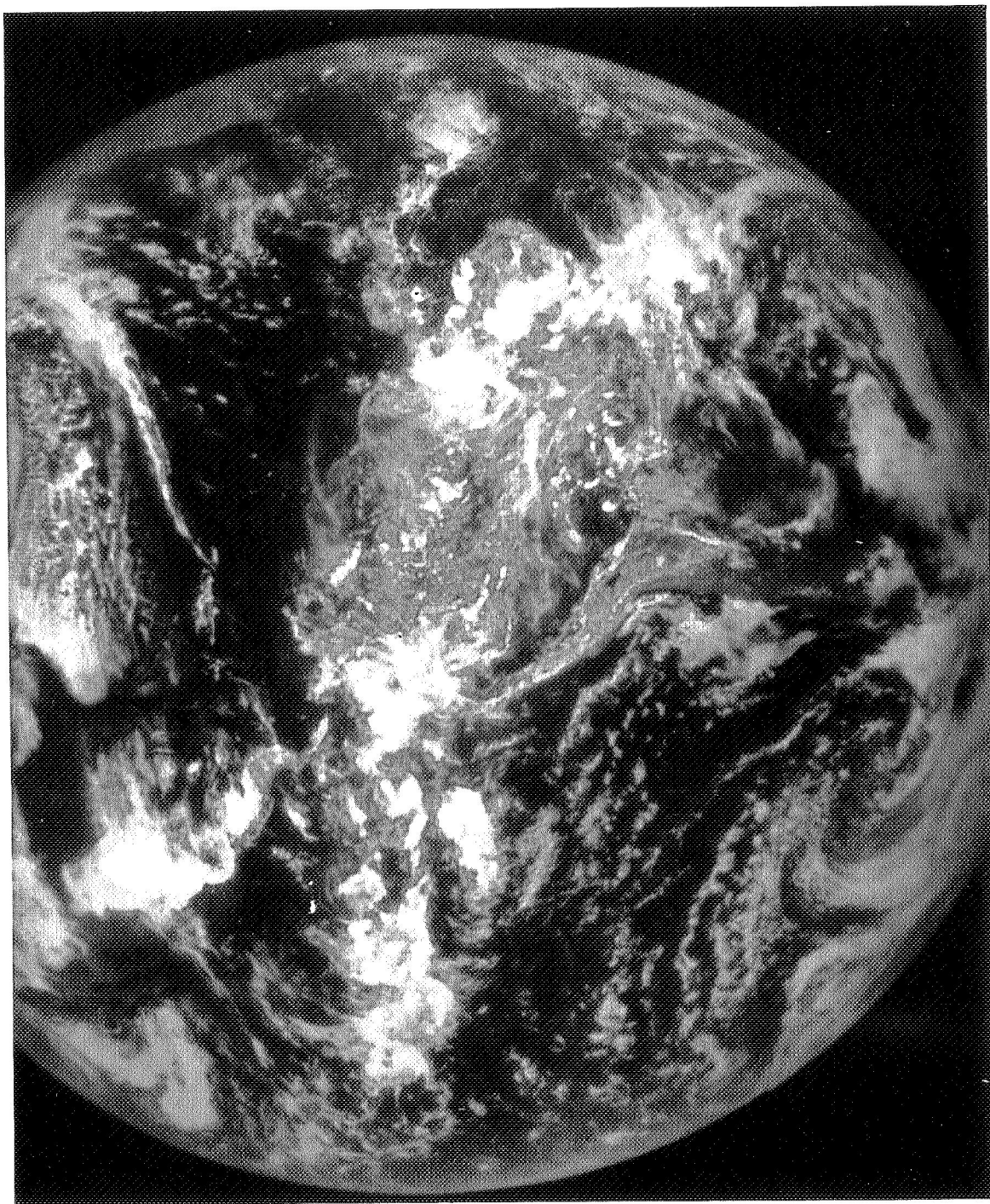
## IDCS

11 Mar 69

SSP 72.29 W 0.42 N

Seq	Start Time			Remarks
1	13	39	12	
2	16	45	35	No Data
3	17	00	14	No Data
4	17	15	42	
5	19	46	15	





ATS-III IDCS 11 MAR 69 17 15 42 Z 4

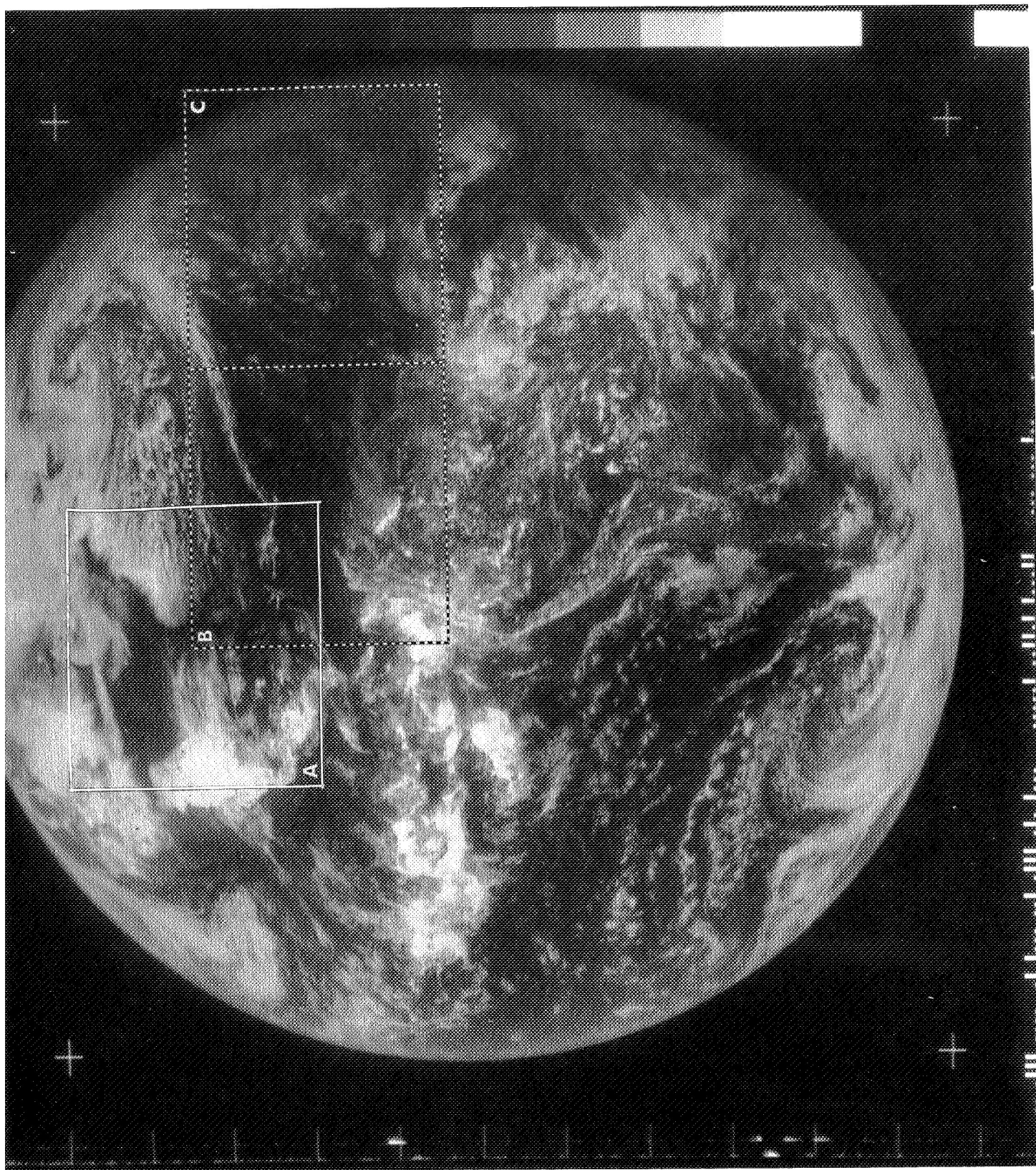
MSSCC

11 Mar 69

SSP 72.29 W 0.42 N

Seq	End	Time	Remarks
1	16	42 24	
2	17	07 39	
3	17	32 56	
4	18	17 28	
5	18	42 47	
6	19	09 03	
7	19	33 23	
8	19	58 37	
9	20	23 53	





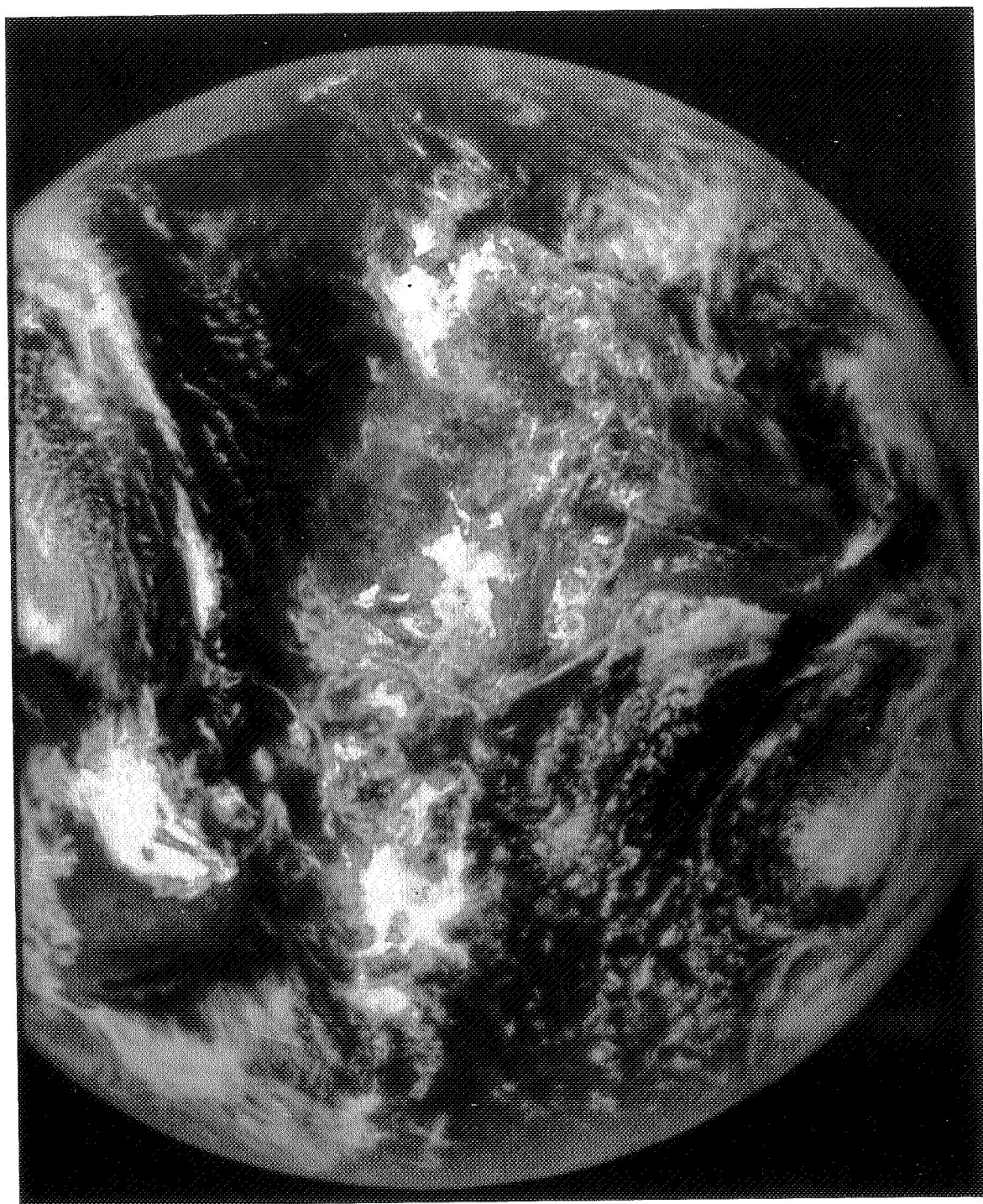
ATS-III MSSCC 11 MAR 69 18 17 28 Z 4

## IDCS

12 Mar 69

SSP 72.26 W 0.41 N

Seq	Start	Time	Remarks
1	13	31 36	
2	13	46 54	
3	16	55 31	
4	19	55 36	



ATS-III IDCS 12 MAR 69 16 55 31 Z 3

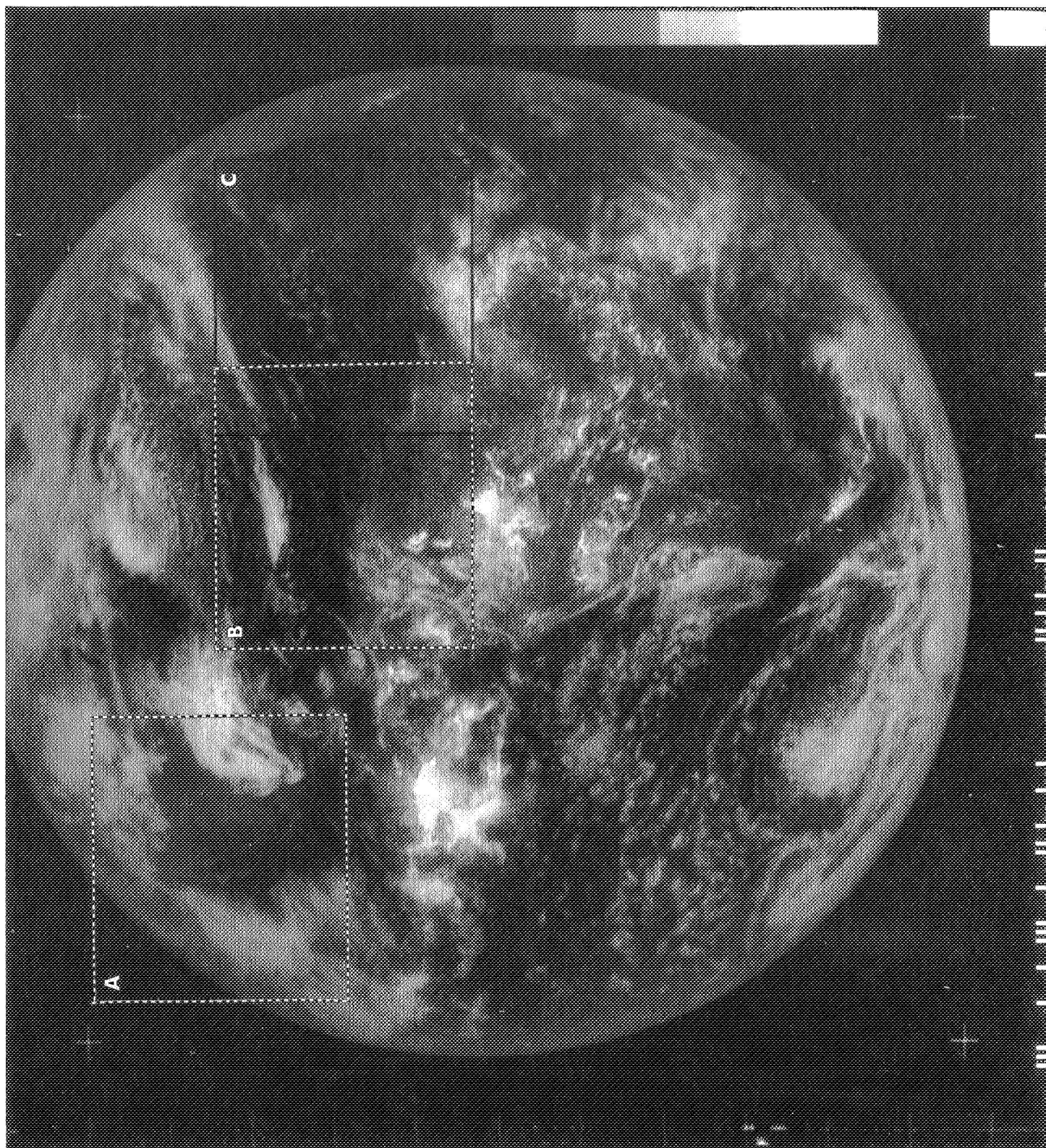
MSSCC

12 Mar 69

SSP 72.26 W 0.41 N

Seq	End Time	Remarks
1	16 48 33	
2	17 13 49	
3	17 40 10	
4	18 04 21	
5	18 29 40	
6	18 54 55	
7	19 20 11	
8	19 45 27	
9	20 10 43	Electronic Interference 3/4 Scan Picture Fair





ATS-III MSSCC 12 MAR 69 17 13 49 Z 2

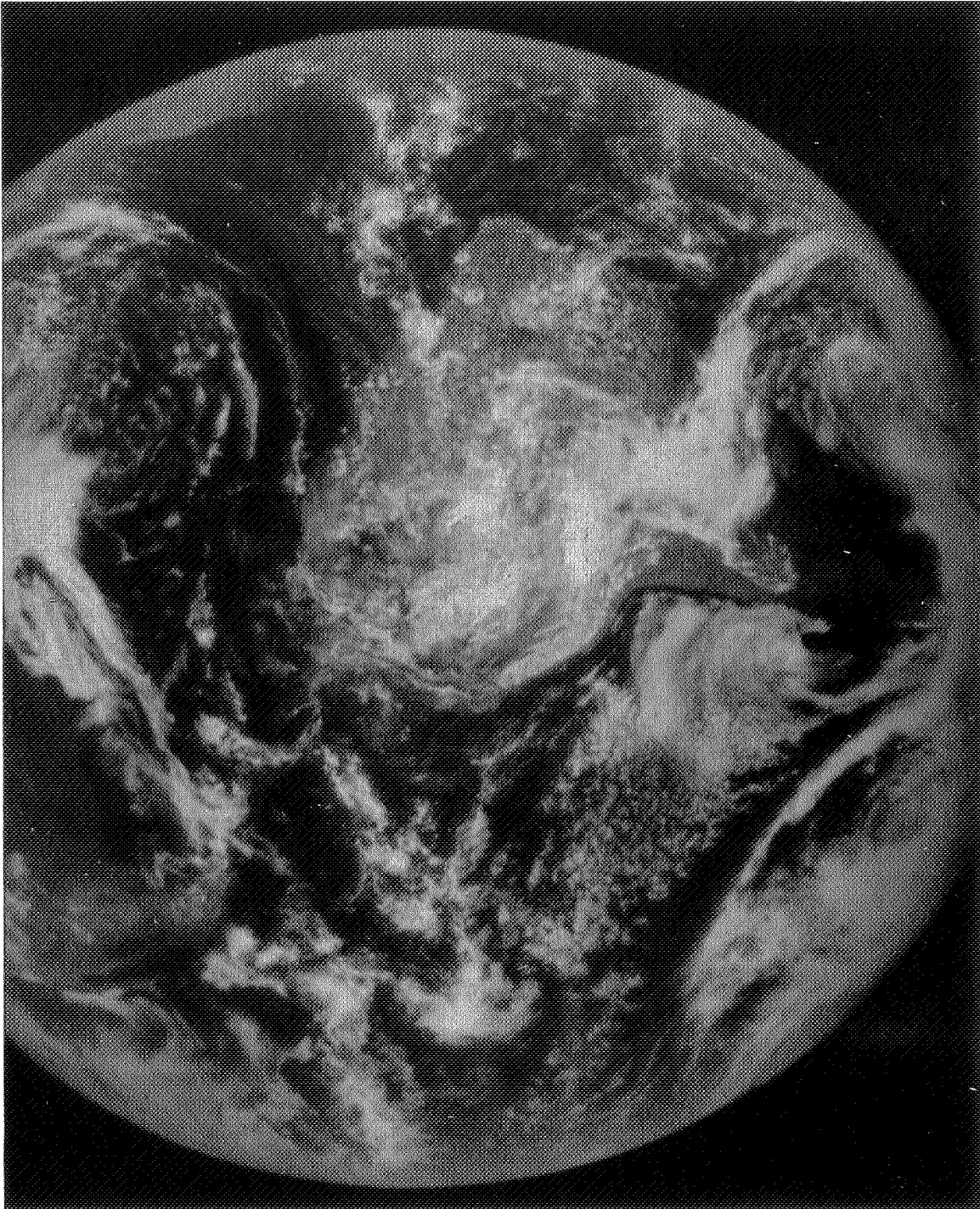
## IDCS

19 Mar 69

SSP 72.32 W 0.37 N

Seq	Start Time			Remarks
1	15	51	35	Top 1/3 has little Data
2	16	00	52	
3	16	22	21	
4	16	37	48	
5	16	53	17	
6	17	08	46	
7	17	24	15	
8	17	39	42	Electronic Interference





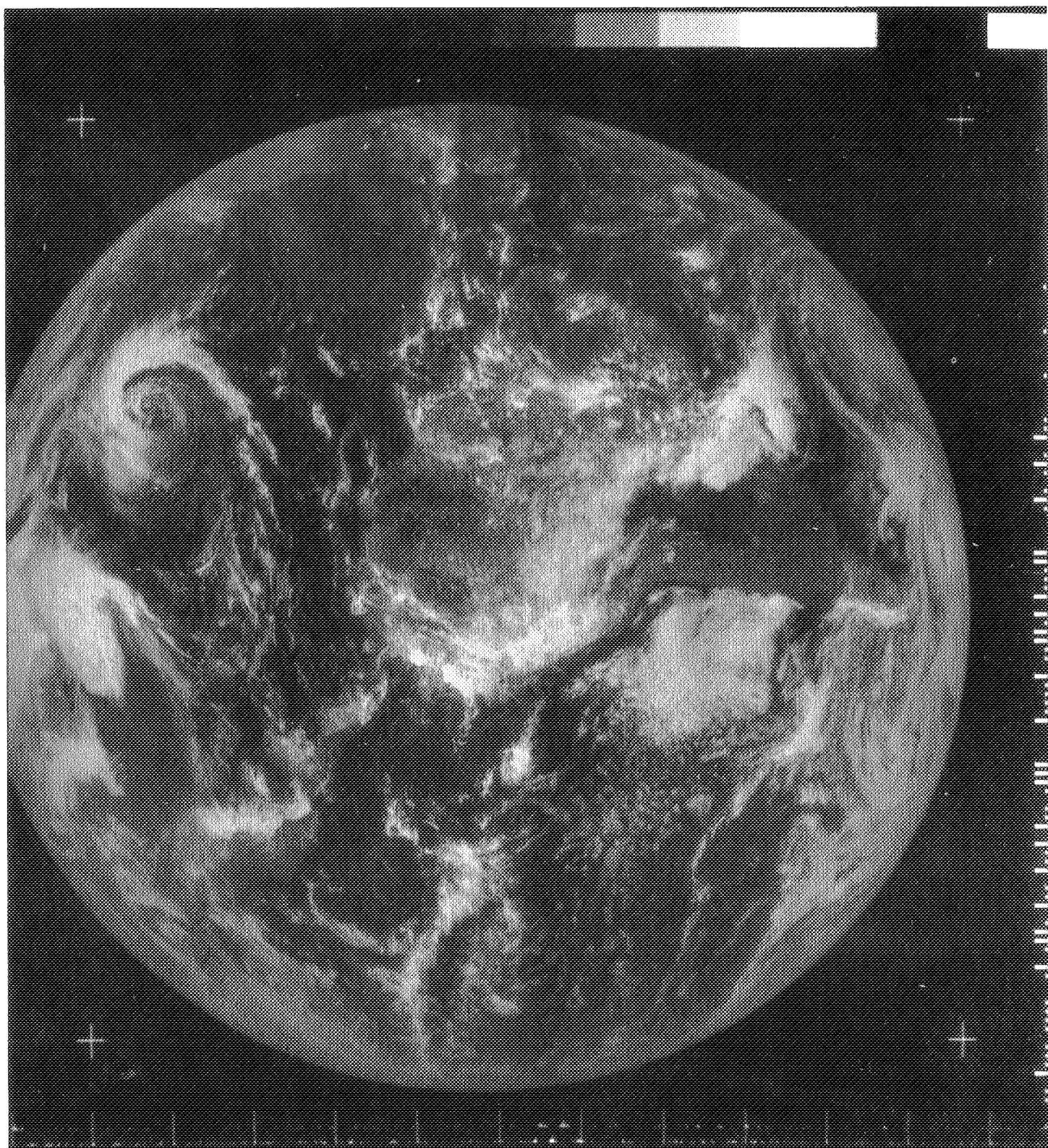
ATS-III IDCS 19 MAR 69 16 53 17 Z 5

MSSCC

21 Mar 69

SSP 72.31 W 0.36 N

Seq	End Time	Remarks
1	15 33 59	
2	15 59 15	
3	16 24 31	
4	16 49 47	
5	17 15 03	Electronic Interference Picture Fair
6	17 40 19	
7	18 05 35	



ATS-III MSSCC 21 MAR 69 16 49 47 Z 4

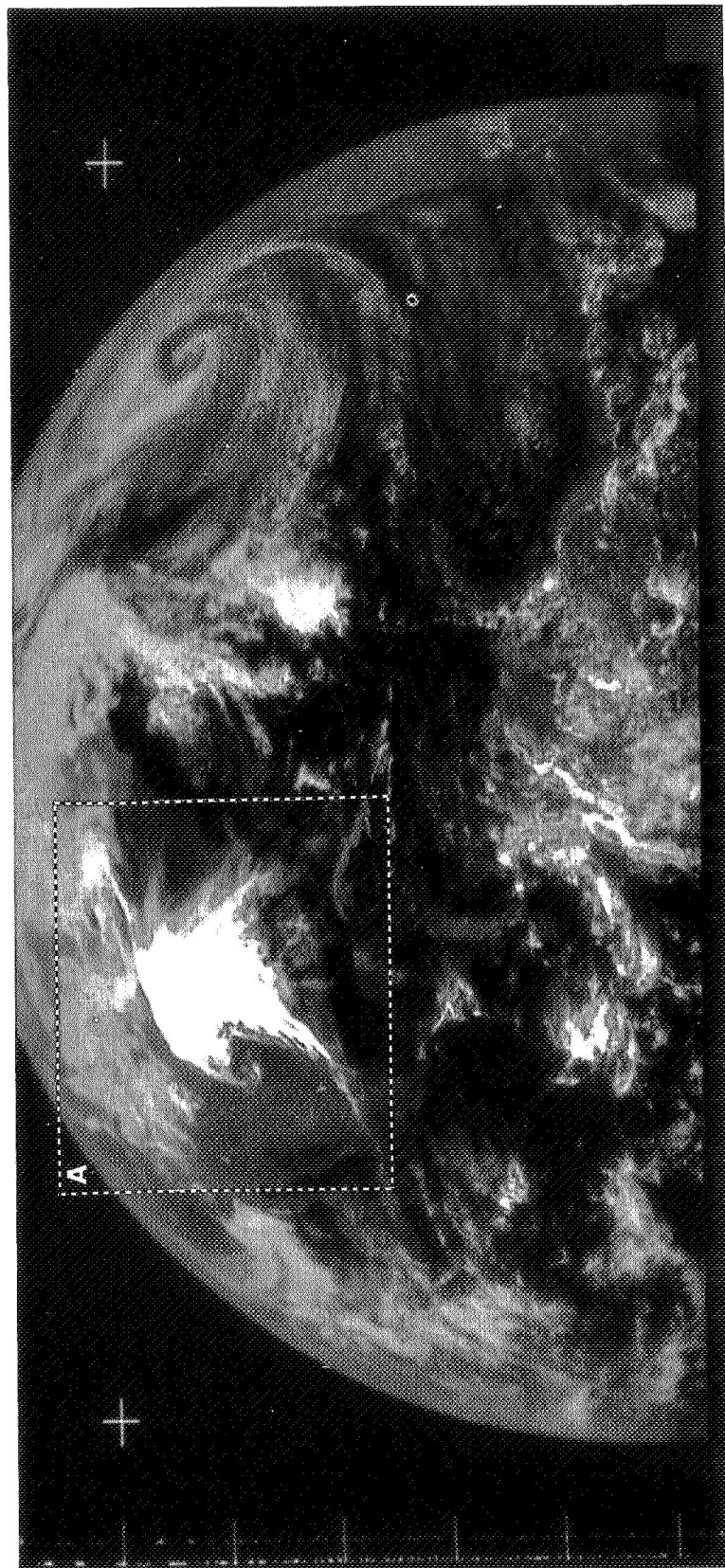
## MSSCC

23 Mar 69

SSP 72.30 W 0.36 N

Seq	End Time	Remarks
1	13 03 32	Half Scan Phasing Error Poor Contrast
2	13 16 12	Half Scan Poor Contrast
3	13 28 48	Half Scan Electronic Interference Picture Fair
4	13 41 22	Half Scan
5	13 53 58	Half Scan
6	14 06 35	Half Scan
7	14 19 11	Half Scan
8	14 31 47	Half Scan Electronic Interference Picture Fair
9	14 44 24	Half Scan Electronic Interference Picture Fair
10	14 57 03	Half Scan
11	15 09 37	Half Scan
12	15 22 13	Half Scan
13	15 34 49	Half Scan
14	15 47 26	Half Scan
15	16 00 08	Half Scan Electronic Interference Picture Fair
16	16 12 45	Half Scan Electronic Interference Picture Fair
17	16 25 24	Half Scan Electronic Interference Picture Fair
18	16 38 01	Half Scan Electronic Interference Picture Fair
19	16 50 37	Half Scan Electronic Interference Picture Fair
20	17 03 16	Half Scan Electronic Interference Picture Fair
21	17 15 53	Half Scan Electronic Interference Picture Fair
22	17 28 41	Half Scan Electronic Interference Picture Fair
23	17 41 17	Half Scan Electronic Interference Picture Fair
24	17 54 03	Half Scan Electronic Interference Picture Fair
25	18 06 40	Half Scan Electronic Interference Picture Fair
26	18 19 16	Half Scan Electronic Interference Picture Fair
27	18 31 52	Half Scan Electronic Interference Picture Fair
28	18 44 46	Half Scan Electronic Interference Picture Fair
29	18 57 23	Half Scan Electronic Interference Picture Fair
30	19 09 59	Half Scan Electronic Interference Picture Fair
31	19 22 36	Half Scan Electronic Interference Picture Fair
32	19 35 12	Half Scan Electronic Interference Picture Fair
33	19 47 55	Half Scan Electronic Interference Phasing Error
34	20 00 28	Half Scan Electronic Interference Picture Fair
35	20 13 07	Half Scan Electronic Interference Picture Fair
36	20 25 41	Half Scan Electronic Interference Picture Fair
37	20 38 17	Half Scan Electronic Interference Picture Fair
38	20 50 56	Half Scan Electronic Interference Picture Fair
39	21 03 33	Half Scan Electronic Interference Picture Fair
40	21 16 10	Half Scan Electronic Interference Picture Fair
41	21 28 46	Half Scan Electronic Interference Picture Fair
42	21 41 22	Half Scan Electronic Interference Picture Fair
43	21 54 02	Half Scan Electronic Interference Picture Fair
44	22 06 44	Half Scan Electronic Interference Picture Fair
45	21 17 40	No Data
46	22 29 46	Half Scan Electronic Interference Picture Fair
47	22 42 26	Half Scan Electronic Interference Picture Fair
48	22 55 02	Half Scan Electronic Interference Picture Fair
49	23 07 45	Half Scan Electronic Interference Picture Fair
50	23 20 21	Half Scan Electronic Interference Picture Fair
51	23 33 00	Half Scan Electronic Interference Picture Fair
52	23 45 37	Half Scan Electronic Interference Picture Fair
53	23 58 10	Half Scan Electronic Interference Picture Fair





ATS-III MSSC 23 MAR 69 17 03 16 Z 20

MSSCC

24 Mar 69

SSP 72.30 W 0.35 N

Seq	End Time	Remarks
1	00 10 59	Half Scan Electronic Interference Picture Fair
2	00 25 51	Half Scan Electronic Interference Picture Fair





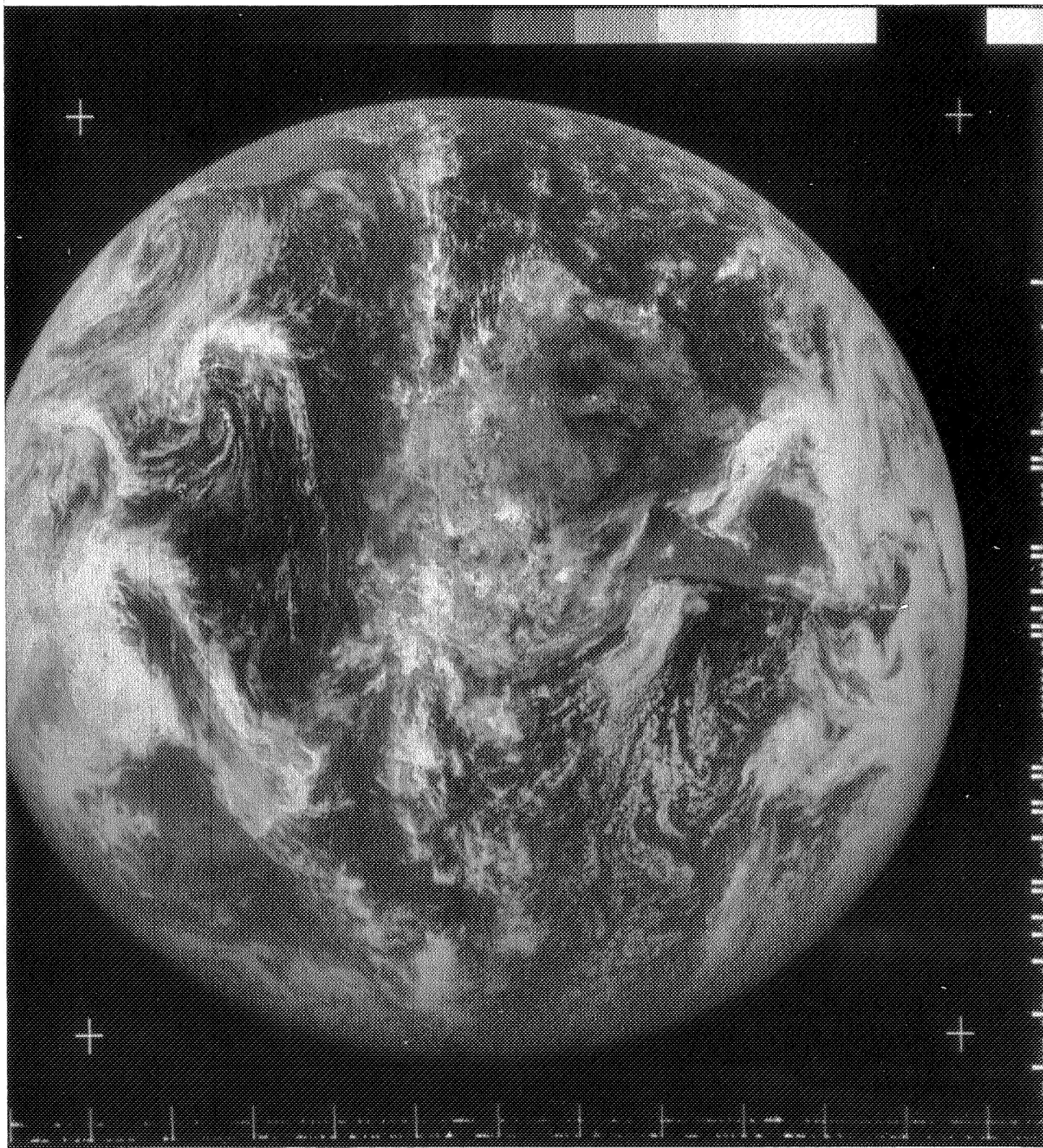
ATS-III MSSCC 24 MAR 69 00 25 51 Z 2

## MSSCC

25 Mar 69

SSP 72.29 W 0.35 N

Seq	End	Time	Remarks
1	14	12 44	9/10 Scan Electronic Interference
2	14	41 04	Electronic Interference
3	15	06 20	Electronic Interference Picture Fair
4	15	31 36	Electronic Interference
5	15	56 52	Electronic Interference Picture Fair



ATS-III MSSCC 25 MAR 69 15 31 36 Z 4

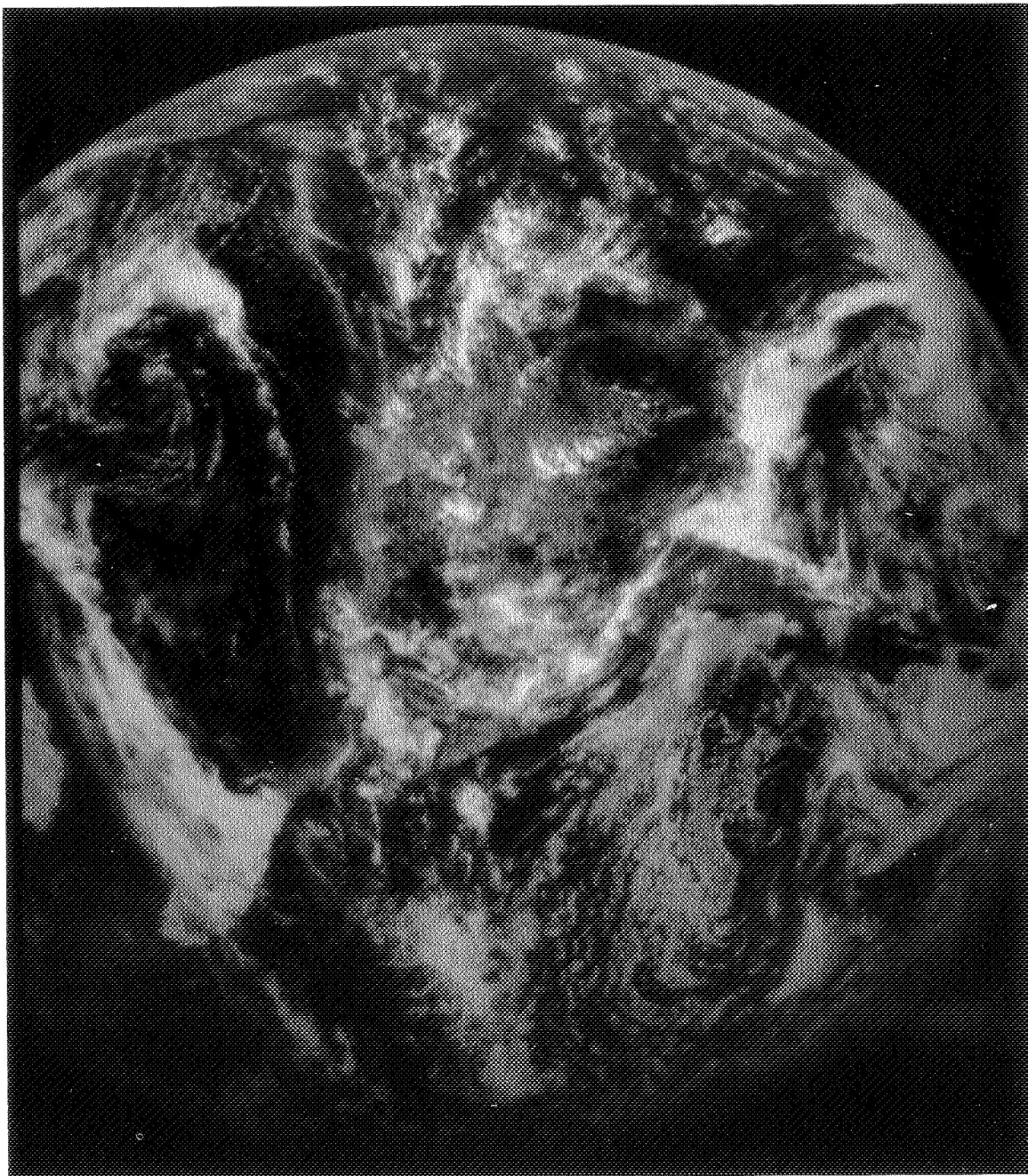
# **IDCS**

26 Mar 69

SSP 72.29 W 0.34 N

Seq	Start Time			Remarks
1	13	16	28	
2	13	34	03	
3	13	49	17	
4	14	04	46	
5	14	20	15	
6	14	35	42	
7	14	51	10	





ATS-III IDCS 26 MAR 69 14 51 10 Z 7

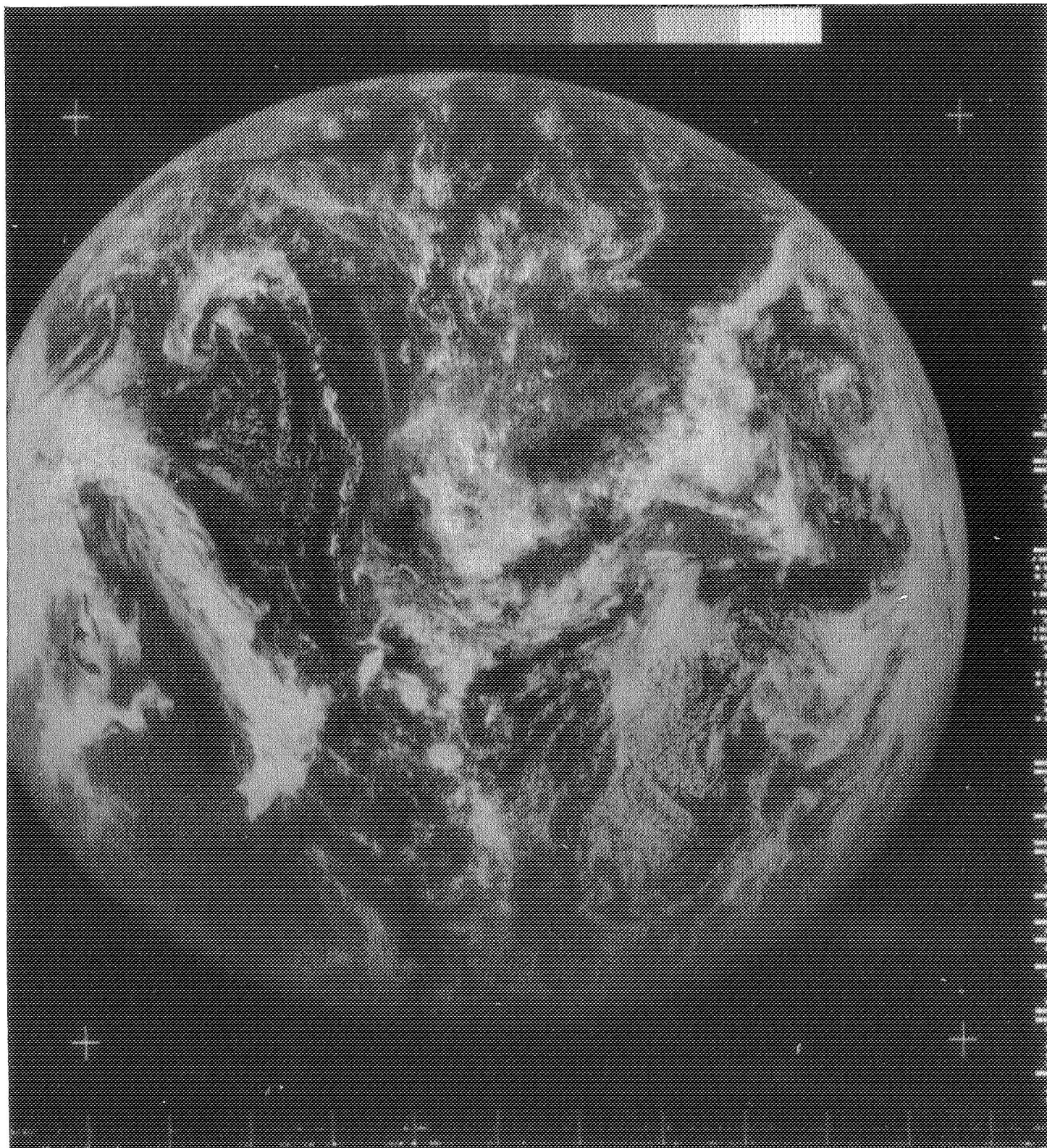
**MSSCC**

27 Mar 69

SSP 72.29 W 0.34 N

Seq	End Time	Remarks
1	14 07 36	
2	14 32 52	
3	14 58 05	Electronic Interference Picture Fair
4	15 23 23	





ATS-III MSSCC 27 MAR 69 15 23 Z 4

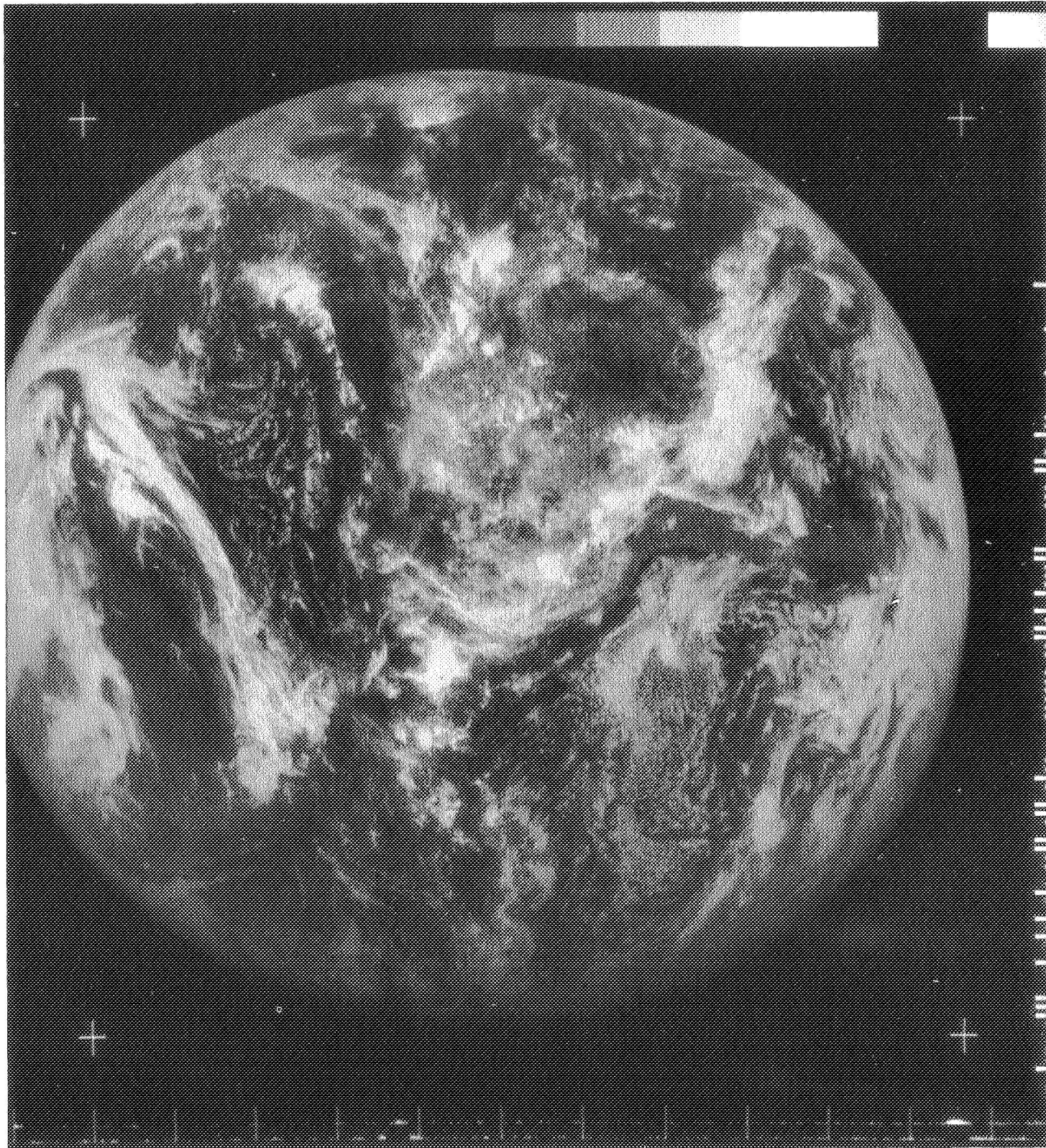
## MSSCC

28 Mar 69

SSP 72.29 W 0.33 N

Seq	End Time	Remarks
1	14 07 36	
2	14 33 02	
3	14 58 18	
4	15 23 34	





ATS-III MSSCC 28 MAR 69 15 23 34 Z 4

## MSSCC

29 Mar 69

SSP 72.30 W 0.33 N

Seq	End Time	Remarks
1	17 39 34	Electronic Interference
2	18 04 50	Electronic Interference
3	18 30 06	Electronic Interference
4	18 55 22	Electronic Interference
5	19 20 37	



ATS-III MSSCC 29 MAR 69 17 39 34 Z 1



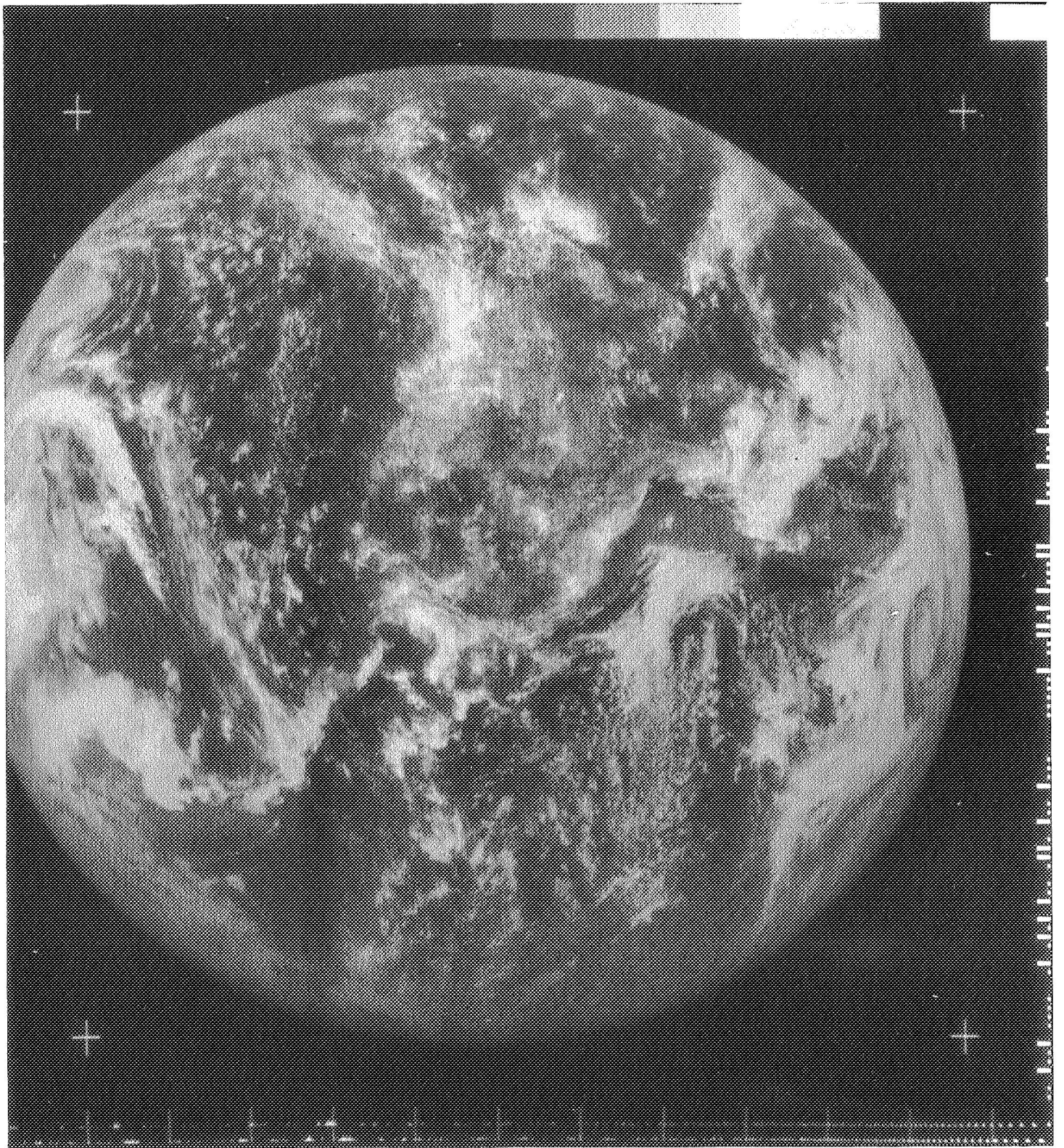
**MSSCC**

31 Mar 69

SSP 72.30 W 0.31 N

Seq	End Time	Remarks
1	14 56 21	Electronic Interference Picture Fair
2	15 21 32	Electronic Interference Picture Fair
3	15 46 48	Electronic Interference Picture Fair





ATS-III MSSCC 31 MAR 69 15 46 48 Z 3

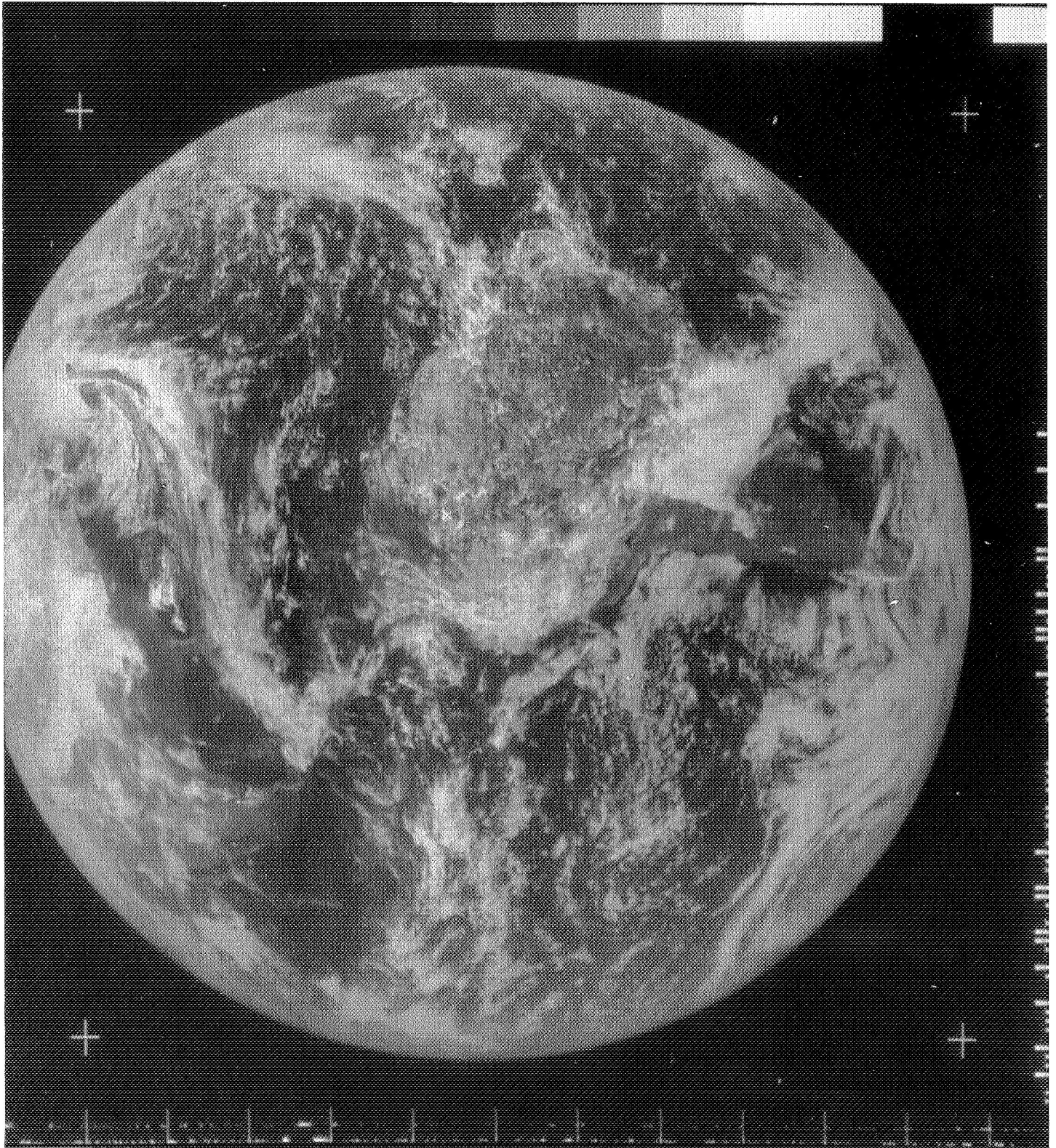
**MSSCC**

1 Apr 69

SSP 72.31 W 0.31 N

Seq	End Time	Remarks
1	15 10 31	Electronic Interference Picture Fair
2	15 41 28	Electronic Interference Picture Fair
3	16 06 44	Electronic Interference Picture Fair
4	16 32 00	Electronic Interference Picture Fair





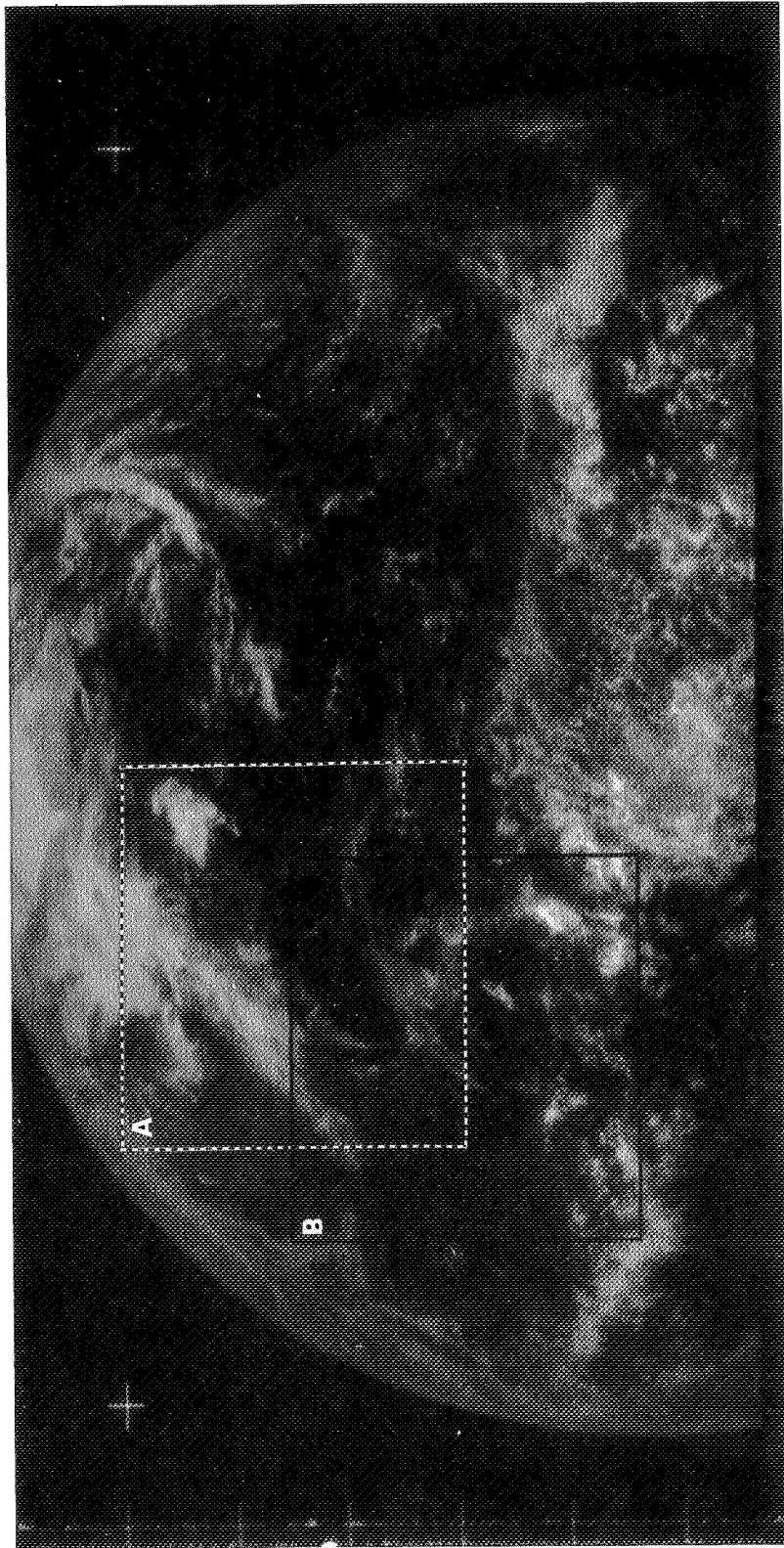
ATS-III MSSCC 1 APR 69 16 32 00 Z 4

# MSSCC

4 Apr 69

SSP 72.36 W 0.30 N

Seq	End Time	Remarks
1	11 22 04	Half Scan
2	11 36 38	Half Scan Electronic Interference Picture Fair
3	11 51 20	Half Scan
4	12 05 37	Half Scan Electronic Interference Picture Fair
5	12 20 12	Half Scan Electronic Interference Picture Fair
6	12 34 48	Half Scan Electronic Interference Picture Fair
7	12 50 21	Half Scan Electronic Interference Picture Fair
8	13 04 50	Half Scan Electronic Interference Picture Fair
9	13 20 22	Half Scan Electronic Interference Picture Fair
10	13 35 27	Half Scan Electronic Interference Picture Fair
11	13 53 00	Half Scan Electronic Interference Picture Fair
12	14 10 21	Half Scan Electronic Interference Picture Fair
13	14 24 50	Half Scan Electronic Interference Picture Fair
14	14 39 55	Half Scan Electronic Interference Picture Fair
15	14 54 48	Half Scan Electronic Interference Picture Fair
16	15 09 44	Half Scan Electronic Interference Picture Fair
17	15 23 58	Half Scan Electronic Interference Picture Fair
18	15 37 51	Half Scan Electronic Interference Picture Fair
19	15 52 58	No Data
20	16 07 25	Half Scan Electronic Interference Picture Fair
21	16 21 54	No Data
22	16 34 52	Half Scan Electronic Interference Picture Fair
23	16 47 28	Half Scan Electronic Interference Picture Fair
24	17 00 52	Half Scan
25	17 13 31	Half Scan
26	17 26 08	Half Scan
27	17 38 44	Half Scan
28	17 51 21	Half Scan
29	18 03 57	Half Scan
30	18 16 33	Half Scan
31	18 29 18	Half Scan
32	18 41 58	Half Scan
33	18 54 35	Half Scan
34	19 07 11	Half Scan
35	19 19 47	Half Scan
36	19 32 24	Half Scan
37	19 45 00	Half Scan
38	19 57 37	Half Scan
39	20 10 13	Half Scan Electronic Interference Picture Fair
40	20 22 50	Half Scan Electronic Interference Picture Fair
41	20 35 26	Half Scan Electronic Interference Picture Fair
42	20 48 02	Half Scan Electronic Interference Picture Fair
43	21 17 21	Half Scan Electronic Interference Picture Fair
44	21 29 58	Half Scan Electronic Interference Picture Fair
45	21 42 34	Half Scan Electronic Interference Picture Fair
46	21 55 14	Half Scan Electronic Interference Picture Fair
47	22 07 53	Half Scan Electronic Interference Picture Fair
48	22 20 29	Half Scan Electronic Interference Picture Fair
49	22 33 06	Half Scan
50	22 45 42	Half Scan
51	22 58 19	Half Scan



ATS-III MSSCC 4 APR 69 17 00 52 Z 24

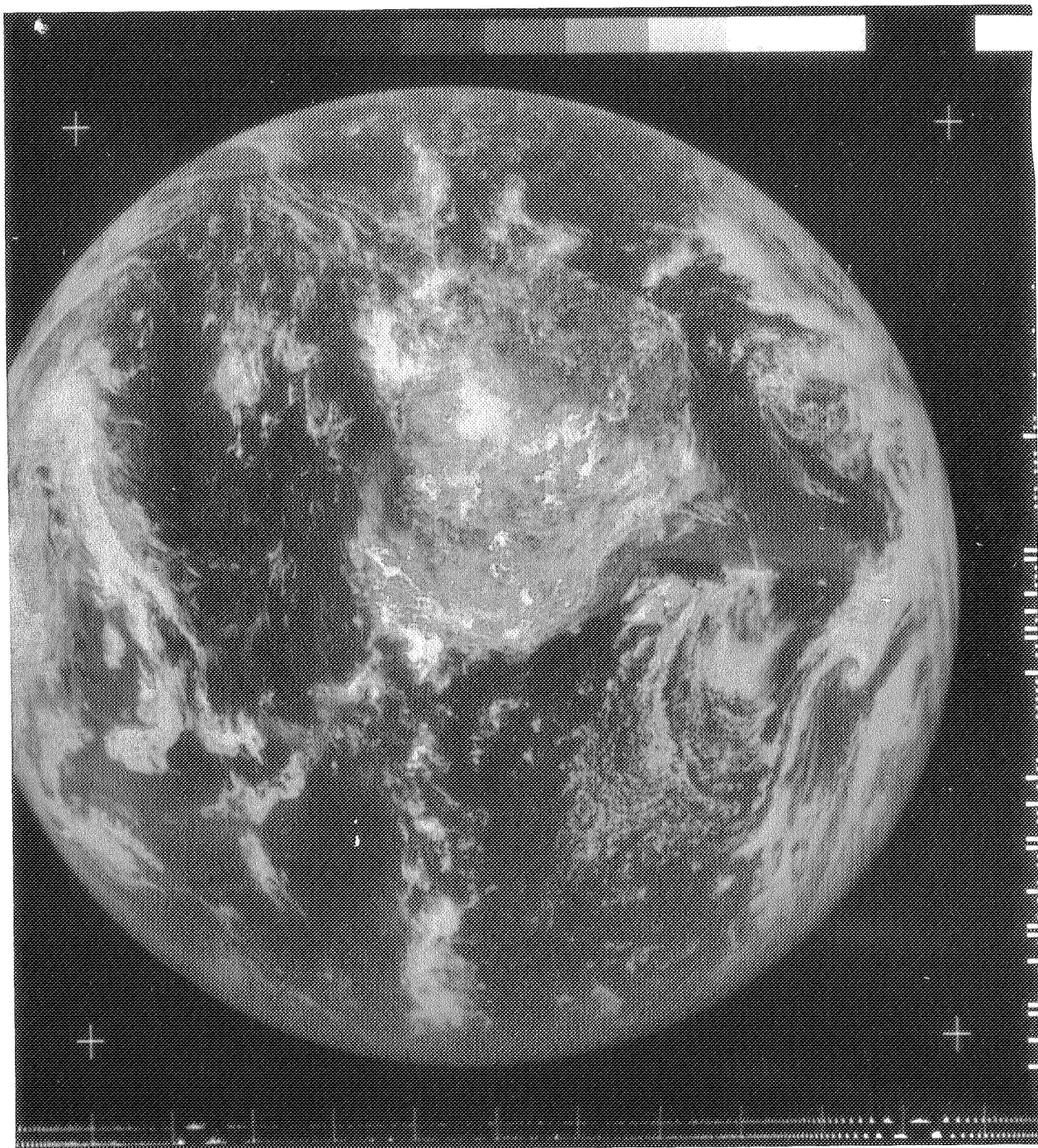
MSSCC

6 Apr 69

SSP 72.38 W 0.29 N

Seq	End Time	Remarks
1	16 23 14	Electronic Interference Picture Fair
2	16 48 29	Electronic Interference Picture Fair
3	17 13 45	Electronic Interference Picture Fair
4	17 39 01	Electronic Interference Picture Fair
5	18 04 17	Electronic Interference Picture Fair
6	18 29 33	
7	18 54 52	





ATS-III MSSCC 6 APR 69 16 23 14 Z 1

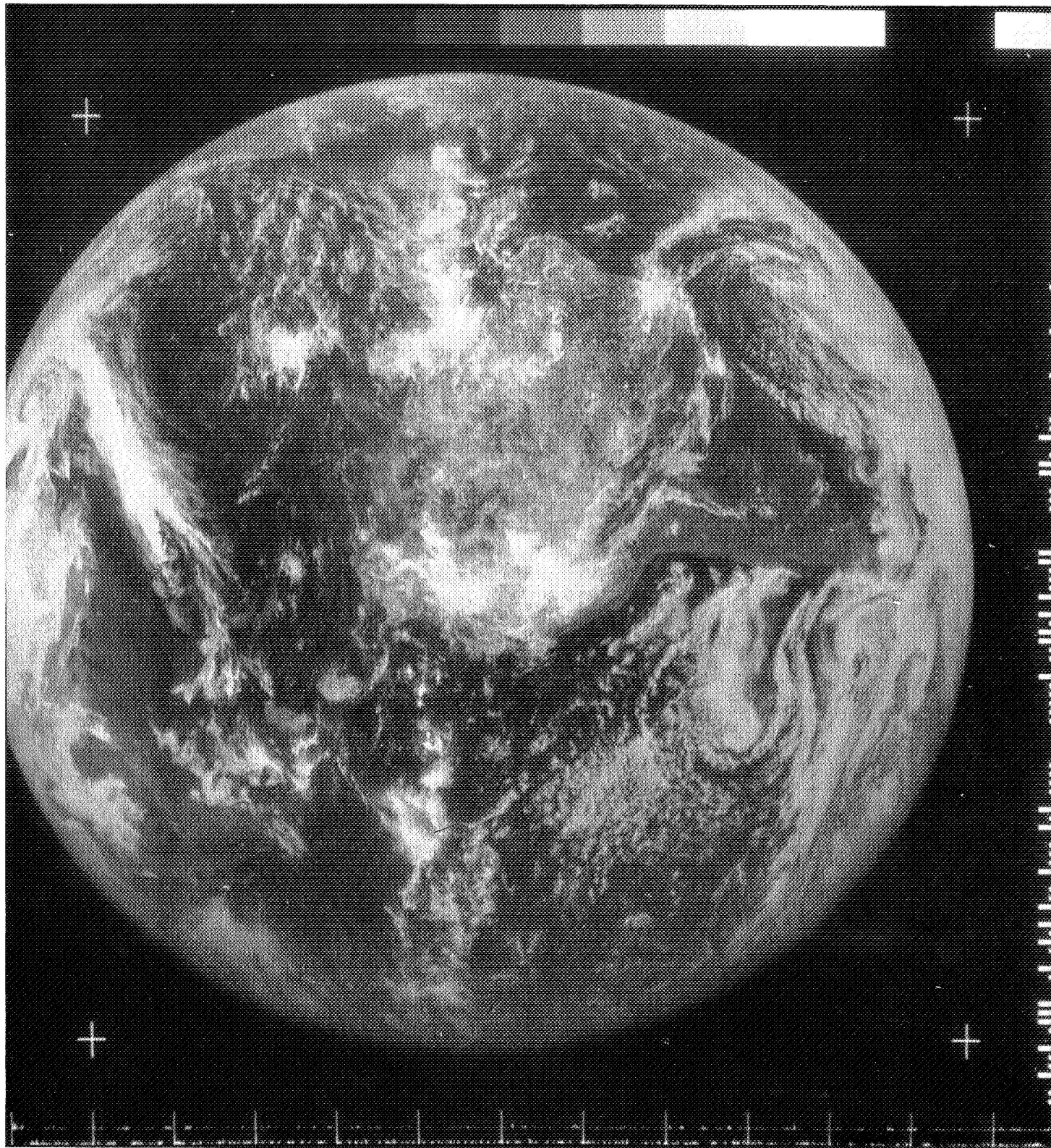
# MSSCC

7 Apr 69

SSP 72.40 W 0.28 N

Seq	End Time	Remarks
1	14 33 03	Electronic Interference Picture Fair
2	14 58 19	Electronic Interference Picture Fair
3	15 23 34	Electronic Interference Picture Fair
4	15 48 50	Electronic Interference Picture Fair
5	16 14 06	Electronic Interference Picture Fair
6	18 52 59	Half Scan Electronic Interference Picture Fair
7	19 05 38	Half Scan Electronic Interference Picture Fair
8	19 18 18	Half Scan Electronic Interference Picture Fair
9	19 30 54	Half Scan Electronic Interference Picture Fair
10	19 43 30	Half Scan
11	19 55 58	Half Scan
12	20 28 56	Half Scan Electronic Interference Picture Fair
13	20 38 55	Half Scan Electronic Interference Picture Fair
14	20 53 37	Half Scan Electronic Interference Picture Fair
15	21 06 40	Half Scan Electronic Interference Picture Fair
16	21 32 52	Half Scan Electronic Interference Picture Fair
17	21 45 31	Half Scan Electronic Interference Picture Fair
18	21 58 08	Half Scan Electronic Interference Picture Fair
19	22 10 44	Half Scan Electronic Interference Picture Fair
20	22 23 21	Half Scan Electronic Interference Picture Fair
21	22 36 12	Half Scan Electronic Interference Phasing Error
22	22 48 51	Half Scan Electronic Interference Picture Fair
23	23 13 11	Half Scan Electronic Interference Picture Fair
24	23 25 47	Half Scan Electronic Interference Picture Fair
25	23 39 32	Half Scan Electronic Interference Picture Fair
26	23 52 11	Half Scan Electronic Interference Picture Fair





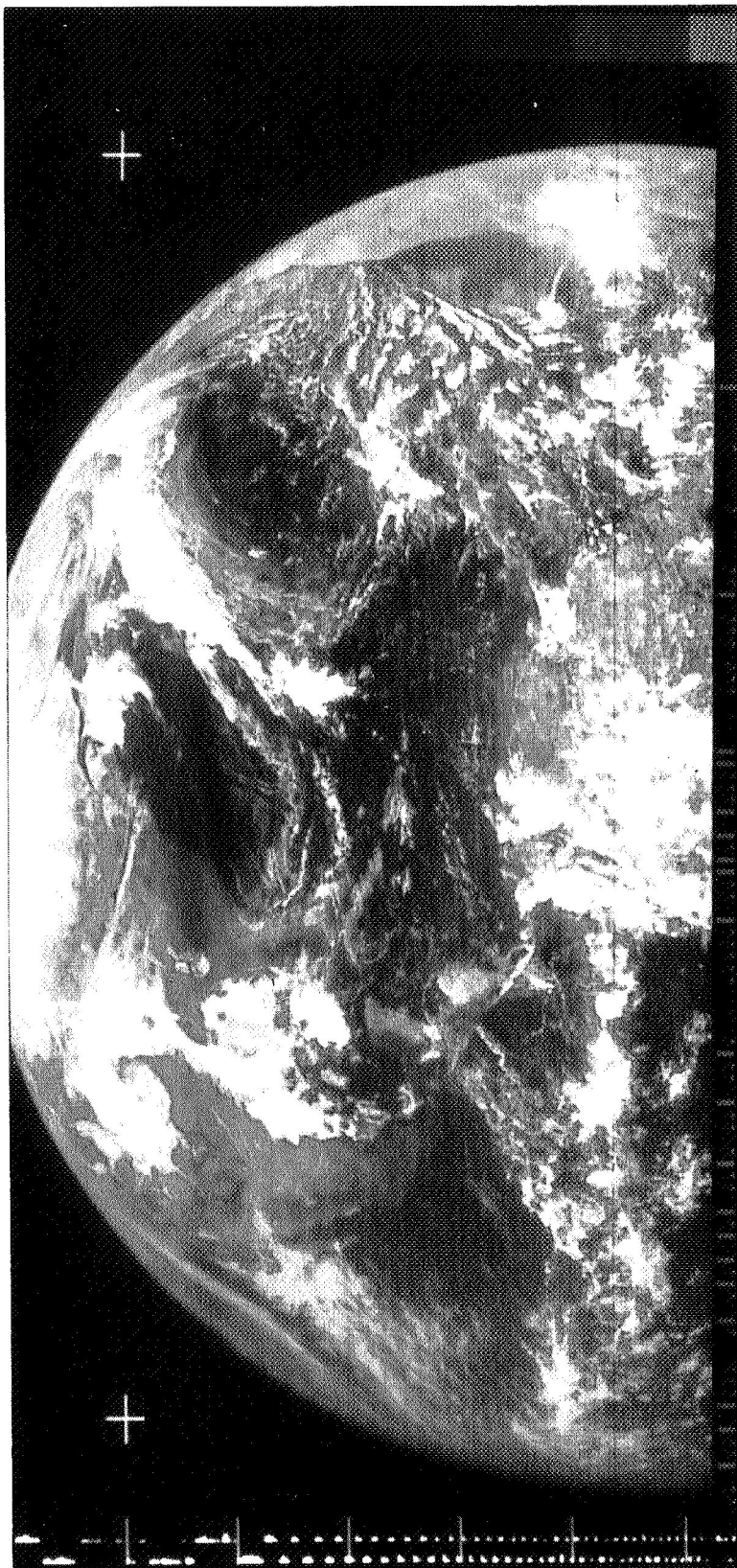
ATS-III MSSCC 7 APR 69 15 48 50 Z 4

# MSSCC

8 Apr 69

SSP 72.41 W 0.28 N

Seq	End Time	Remarks
1	12 13 23	Half Scan Electronic Interference Picture Fair
2	12 26 02	Half Scan Electronic Interference Picture Fair
3	12 38 39	Half Scan Electronic Interference Picture Fair
4	12 51 18	Half Scan Electronic Interference
5	13 03 51	Half Scan
6	13 16 28	Half Scan Electronic Interference Picture Fair
7	13 29 04	Half Scan Electronic Interference Picture Fair
8	13 42 13	Half Scan
9	13 54 20	Half Scan
10	14 07 08	Half Scan Electronic Interference Picture Fair
11	14 33 31	Half Scan Electronic Interference Picture Fair
12	14 58 48	Half Scan Electronic Interference Picture Fair
13	15 11 51	Half Scan Electronic Interference Picture Fair
14	15 25 42	Half Scan Electronic Interference Picture Fair
15	15 52 12	Half Scan Electronic Interference Picture Fair



ATS-III MSSCC 8 APR 69 15 52 12 Z 15

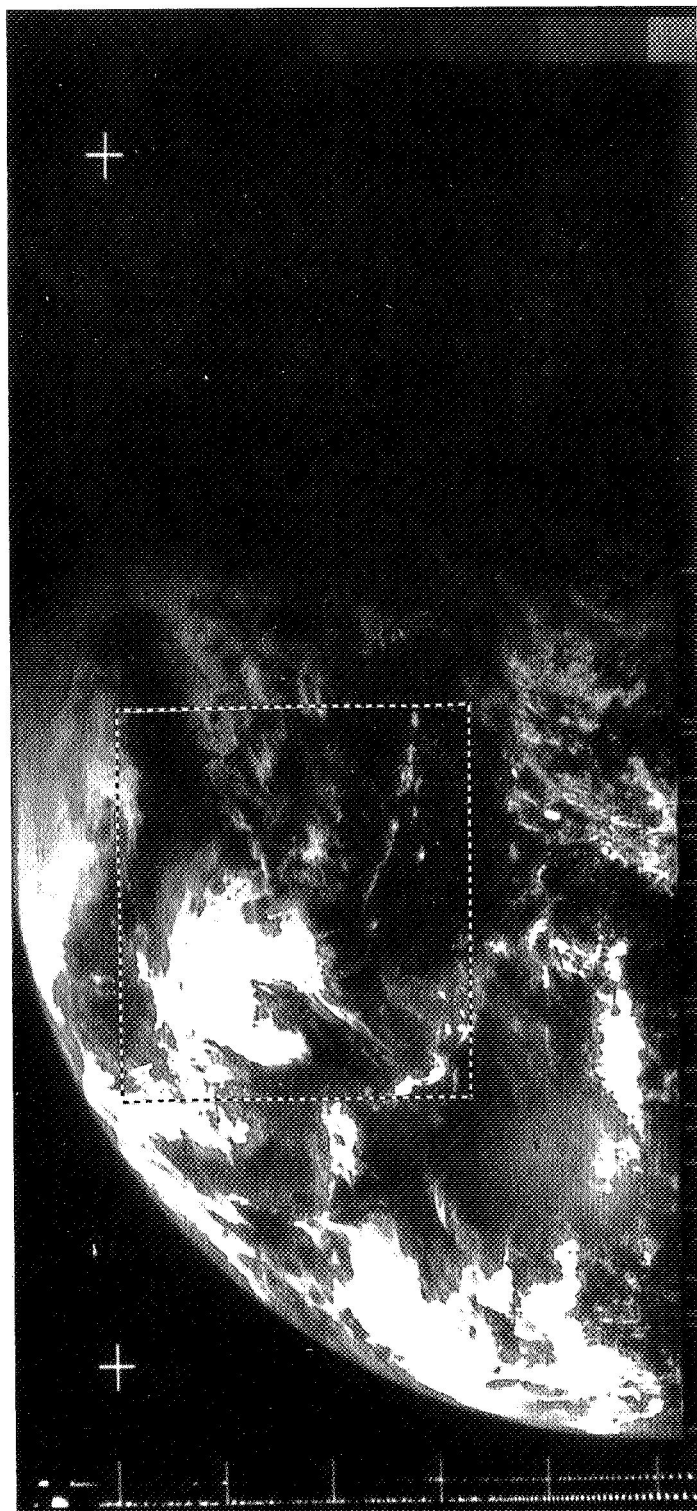
MSSCC

13 Apr 69

SSP 72.50 W 0.25 N

Seq	End	Time	Remarks
1	21	15 23	Electronic Interference Half Scan Picture Fair
2	21	27 57	Electronic Interference Half Scan Picture Fair
3	21	40 30	Electronic Interference Half Scan Picture Fair
4	21	58 33	Electronic Interference Half Scan Picture Fair
5	22	11 07	Electronic Interference Half Scan Picture Fair
6	22	23 40	Electronic Interference Half Scan Picture Fair
7	22	41 55	Electronic Interference Half Scan Picture Fair
8	22	54 19	Electronic Interference Half Scan Picture Fair
9	23	06 56	Electronic Interference Half Scan Picture Fair
10	23	19 47	Electronic Interference Half Scan Picture Fair
11	23	32 23	Electronic Interference Half Scan Picture Fair
12	23	44 57	Electronic Interference Phasing Error Half Scan
13	23	57 30	Electronic Interference Half Scan Picture Fair





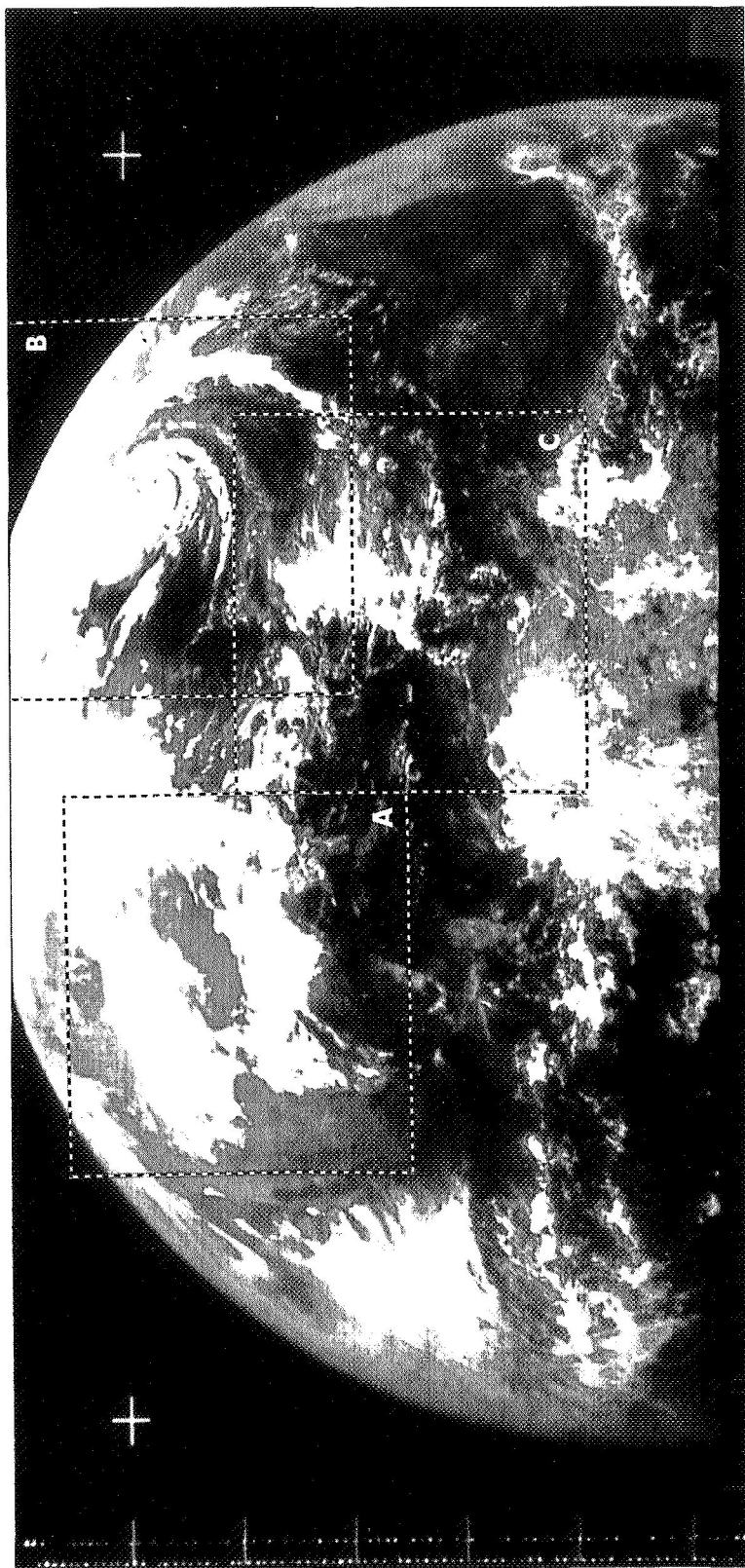
ATS-III MSSC 13 APR 69 21 15 23 Z 1

MSSCC

16 Apr 69

SSP 72.58 W 0.24 N

Seq	End Time	Remarks
1	12 15 09	Half Scan
2	12 27 46	Half Scan
3	12 40 19	Half Scan
4	12 52 55	Half Scan
5	13 05 31	Half Scan
6	13 18 08	Half Scan
7	13 30 45	Half Scan
8	13 43 21	Half Scan
9	13 56 00	Half Scan Electronic Interference Picture Fair
10	14 08 34	Half Scan Electronic Interference Picture Fair
11	14 21 13	Half Scan Electronic Interference Picture Fair
12	14 36 53	Half Scan Electronic Interference Picture Fair
13	14 49 27	Half Scan Electronic Interference Picture Fair
14	15 02 03	Half Scan Electronic Interference Picture Fair
15	15 14 40	Half Scan Electronic Interference Picture Fair
16	15 27 19	Half Scan Electronic Interference Picture Fair
17	15 39 53	Half Scan Electronic Interference Picture Fair
18	15 52 32	Half Scan Electronic Interference Picture Fair
19	16 17 45	Half Scan Electronic Interference Picture Fair
20	16 30 21	Half Scan Electronic Interference Picture Fair
21	16 42 58	Half Scan Electronic Interference Picture Fair
22	16 55 34	Half Scan Electronic Interference Picture Fair
23	17 08 10	Half Scan Electronic Interference Picture Fair
24	17 20 47	Half Scan Electronic Interference Picture Fair
25	17 33 23	Half Scan Electronic Interference Picture Fair
26	17 46 03	Half Scan Electronic Interference Picture Fair
27	17 58 39	Half Scan Electronic Interference Picture Fair
28	18 11 18	Half Scan Electronic Interference Picture Fair
29	18 23 52	Half Scan Electronic Interference Picture Fair
30	18 36 28	Half Scan Electronic Interference Picture Fair
31	18 49 23	Half Scan Electronic Interference Picture Fair
32	18 57 53	Half Scan Dropout
33	19 10 02	Half Scan Electronic Interference Picture Fair
34	19 22 39	Half Scan Electronic Interference Picture Fair
35	19 35 15	Half Scan Electronic Interference Picture Fair
36	19 47 55	Half Scan Electronic Interference Picture Fair
37	20 33 41	Half Scan Electronic Interference Picture Fair
38	20 46 21	Half Scan Electronic Interference Picture Fair
39	21 02 28	Half Scan Electronic Interference Picture Fair
40	21 15 07	Half Scan Electronic Interference Picture Fair
41	21 49 23	Half Scan Electronic Interference Phasing Error
42	22 03 17	Half Scan Electronic Interference Drop Outs
43	22 16 05	Half Scan Electronic Interference Drop Outs
44	22 28 41	Half Scan Electronic Interference Picture Fair
45	22 41 18	Half Scan Electronic Interference Picture Fair
46	22 53 54	Half Scan Electronic Interference Picture Fair
47	23 06 30	Half Scan Electronic Interference Picture Fair
48	23 19 10	Half Scan Electronic Interference Picture Fair
49	23 31 47	Half Scan Electronic Interference Picture Fair
50	23 44 26	Half Scan Electronic Interference Picture Fair
51	23 57 05	Half Scan Electronic Interference Picture Fair



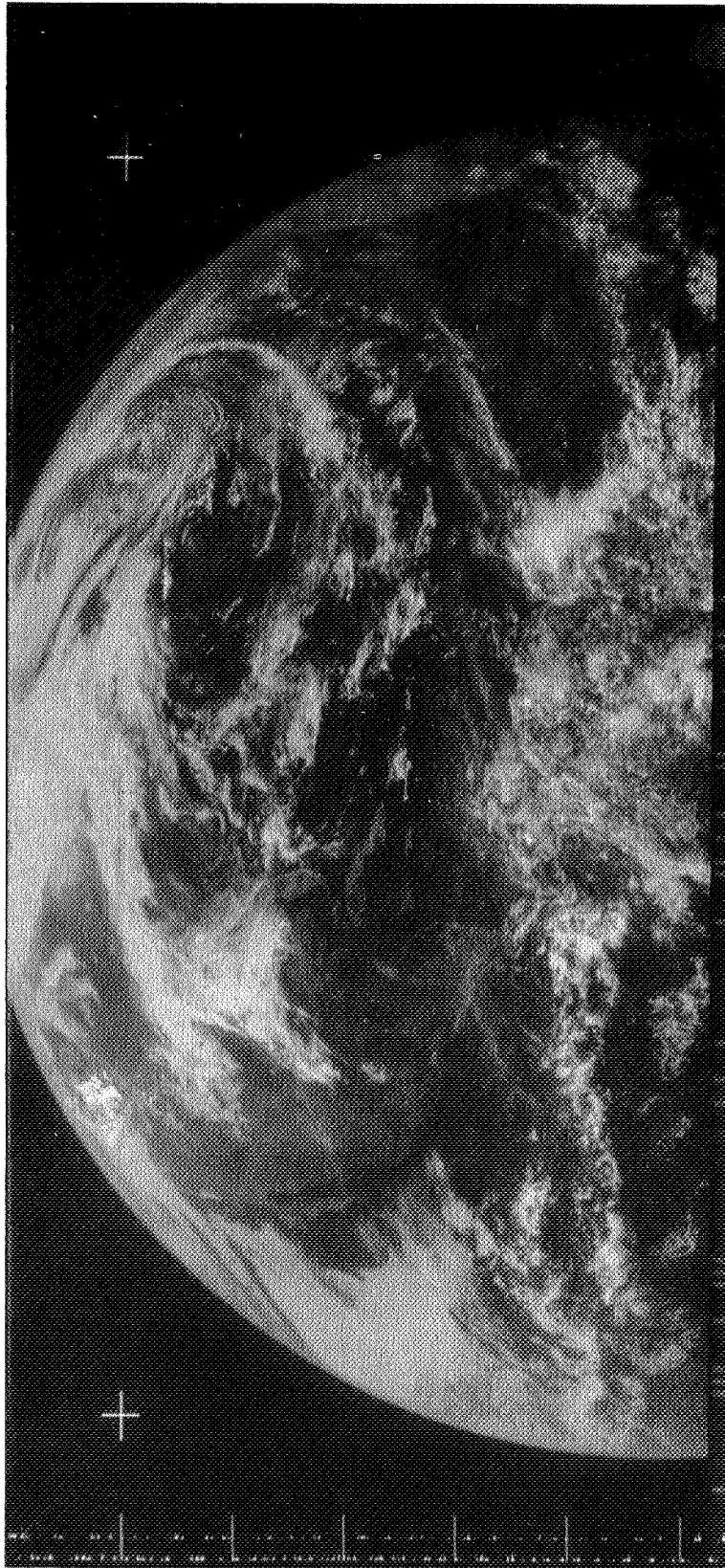
ATS-III MSSC 16 APR 69 15 52 32 Z 18

# MSSCC

17 Apr 69

SSP 72.61 W 0.24 N

Seq	End Time	Remarks
1	12 31 31	Half Scan
2	12 44 08	Half Scan
3	12 56 44	Half Scan
4	13 09 21	Half Scan
5	13 21 57	Half Scan
6	13 34 34	Half Scan
7	14 01 54	Half Scan Electronic Interference Bottom Third
8	14 34 02	Half Scan
9	14 46 42	Half Scan
10	15 44 17	Half Scan Dropouts
11	15 56 56	Half Scan Dropouts
12	16 09 30	Half Scan
13	16 22 30	Half Scan
14	16 35 06	Half Scan
15	16 47 46	Half Scan
16	17 00 19	Half Scan
17	17 12 56	Half Scan
18	17 25 32	Half Scan Dropouts
19	17 57 37	Half Scan
20	18 10 14	Half Scan
21	18 22 50	Half Scan
22	18 35 27	Half Scan
23	18 48 03	Half Scan Few Minor Dropouts
24	19 00 40	Half Scan Few Minor Dropouts
25	19 13 16	Half Scan
26	19 25 52	Half Scan Time Code in Picture at Line 1200
27	19 38 29	Half Scan
28	19 51 05	Half Scan
29	20 03 41	Half Scan
30	20 16 18	Half Scan
31	20 28 54	Half Scan
32	20 41 31	Half Scan
33	20 54 07	Half Scan
34	21 06 56	Half Scan
35	21 20 13	Half Scan
36	21 34 42	Half Scan
37	21 48 01	Half Scan
38	22 00 34	Half Scan Minor Dropout
39	22 13 14	Half Scan Few Minor Dropouts
40	22 25 47	Half Scan
41	22 38 41	Half Scan Dropout of Hundred Lines
42	22 51 05	Half Scan Dropouts
43	23 03 45	Half Scan
44	23 16 22	Half Scan
45	23 28 58	Half Scan
46	23 41 40	Half Scan



ATS-III MSSCC 17 APR 69 17 00 19 Z 16

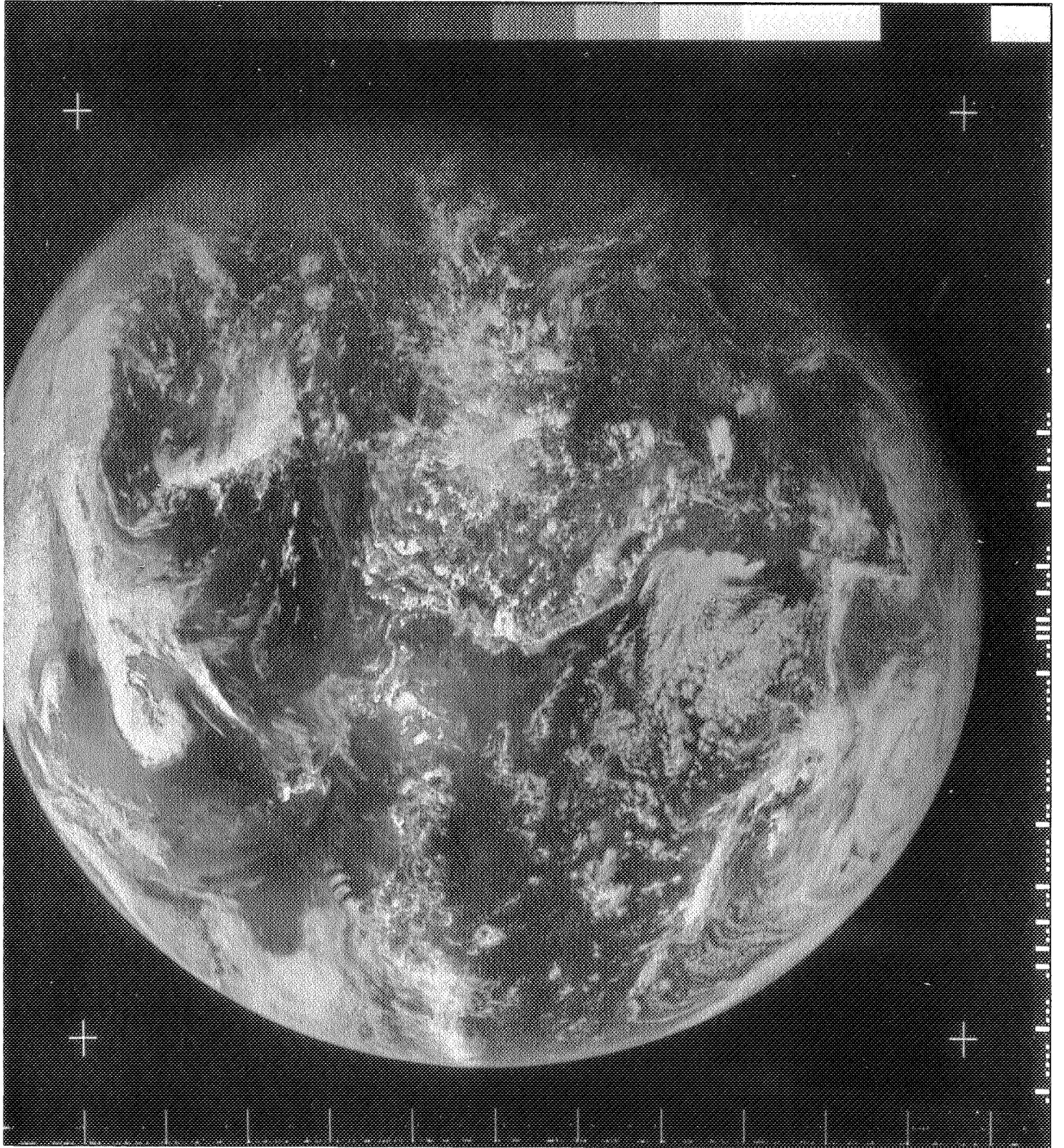
# MSSCC

18 Apr 69

SSP 72.64 W 0.23 N

Seq	End Time	Remarks
1	00 00 17	Half Scan
2	11 32 42	Half Scan Elongated Picture
3	11 45 15	Half Scan
4	11 59 50	Half Scan
5	12 25 51	Half Scan
6	12 38 27	Half Scan Electronic Interference Picture Fair
7	12 51 00	Half Scan Electronic Interference Picture Fair
8	13 00 00	Half Scan Electronic Interference
9	13 13 12	Half Scan
10	13 40 15	Half Scan
11	13 53 07	Half Scan
12	14 05 40	No Data
13	14 18 19	Half Scan
14	14 31 05	Half Scan
15	14 43 44	Half Scan
16	14 56 20	Half Scan
17	15 09 50	Half Scan
18	15 23 32	Half Scan
19	15 35 15	Half Scan
20	15 48 12	Half Scan
21	16 00 57	Half Scan
22	16 14 00	Half Scan
23	16 26 37	Half Scan
24	16 39 19	Half Scan
25	16 51 56	Half Scan
26	17 04 44	Half Scan
27	17 17 26	Half Scan
28	17 30 05	Half Scan
29	17 42 54	Half Scan
30	17 55 36	Half Scan
31	18 08 36	Half Scan
32	18 21 18	Half Scan
33	18 34 01	Half Scan
34	18 46 40	Half Scan
35	19 10 40	
36	19 24 36	Half Scan
37	19 37 15	Half Scan
38	19 49 57	Half Scan
39	20 02 55	Half Scan
40	20 15 37	Half Scan
41	20 28 25	Half Scan
42	20 41 22	Half Scan
43	20 54 08	Half Scan
44	21 06 59	Half Scan
45	21 19 23	Half Scan
46	21 31 57	Half Scan Land Invisible Due Interference
47	21 44 33	Half Scan
48	21 57 57	Half Scan
49	22 10 37	Half Scan
50	22 23 16	Half Scan
51	22 35 52	Half Scan
52	22 48 26	Half Scan
53	23 01 00	Half Scan
54	23 13 33	Half Scan
55	23 26 09	Half Scan
56	23 38 49	Half Scan
57	23 51 34	Half Scan





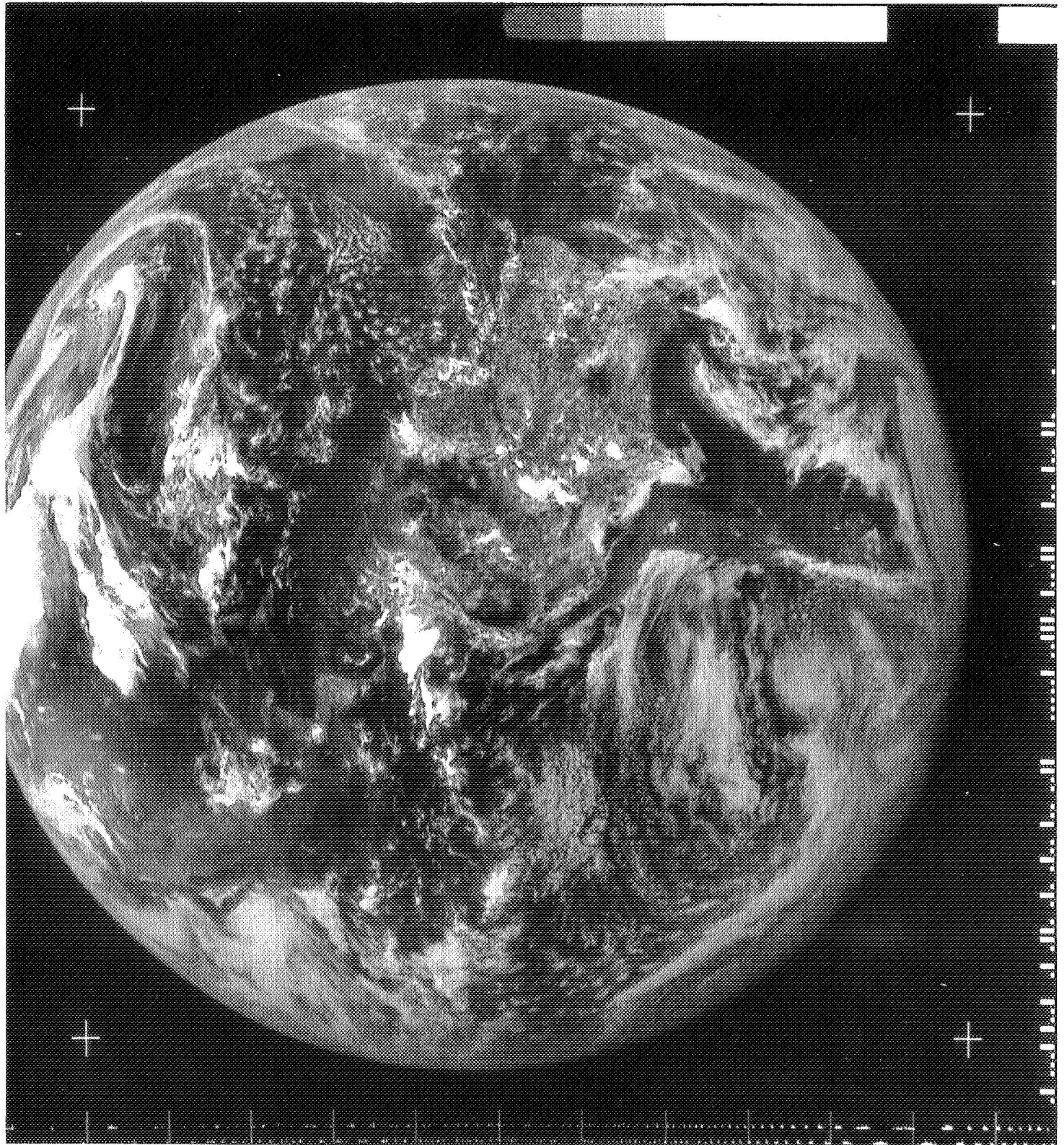
ATS-III MSSCC 18 APR 69 19 10 40 Z 35

## MSSCC

29 Apr 69

SSP 73.02 W 0.17 N

Seq	End Time	Remarks
1	15 58 31	West Portion of Earth Visible No Moon -
2	16 24 43	
3	16 49 59	Signal Level Changed at Line 1750
4	17 15 15	Dropout of a few lines
5	17 52 02	Six Moon Pictures
6	18 23 38	Phasing Errors
7	18 54 04	Five Moon Pictures 200 Lines of Earth Visible



ATS-III MSSCC 29 APR 69 16 24 43 Z 2

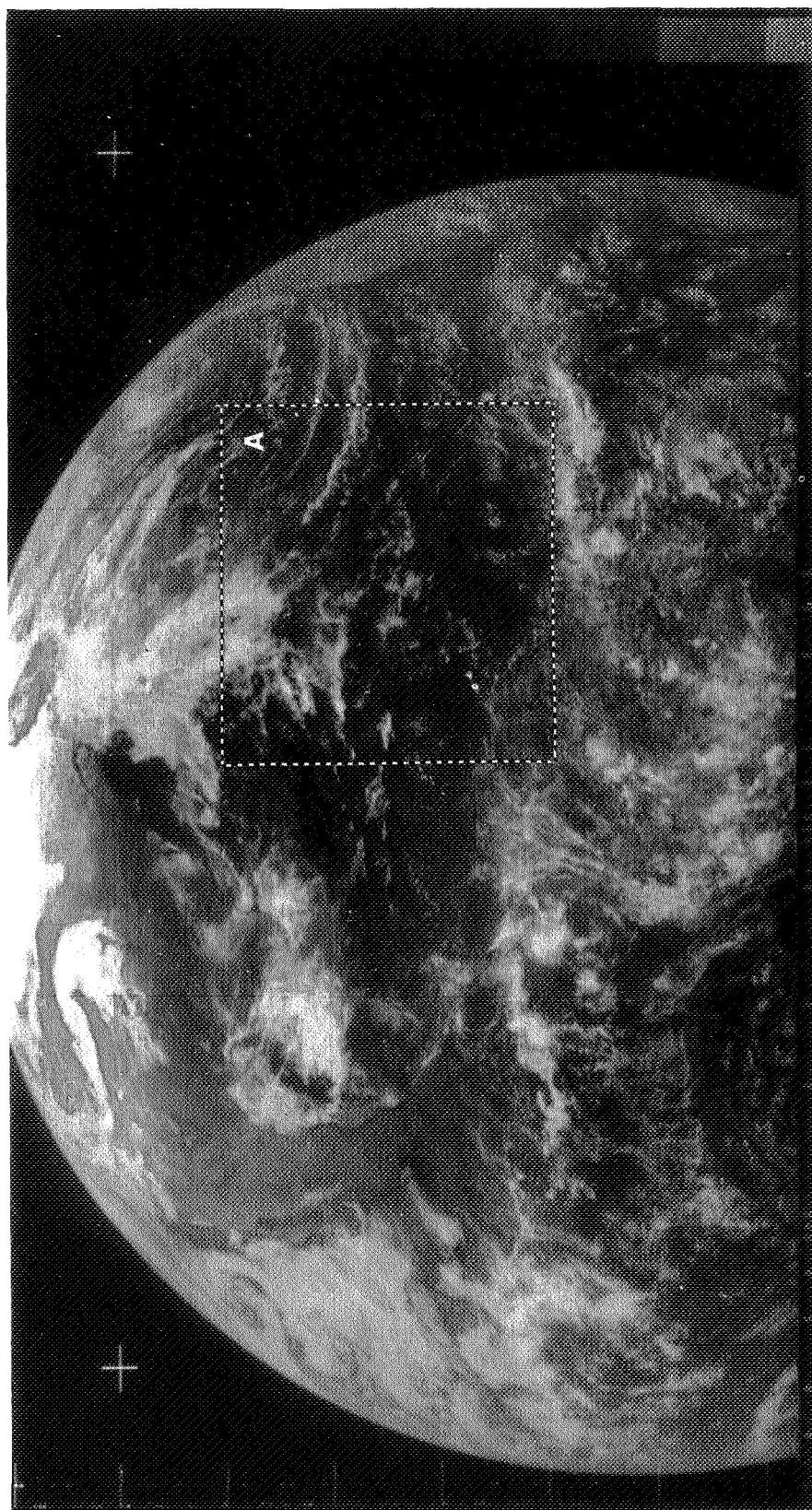


# MSSCC

1 May 69

SSP 73.12 W 0.17 N

Seq	End Time	Remarks
1	09 31 19	3/4 Scan
2	09 46 03	3/4 Scan
3	10 01 13	3/4 Scan
4	10 15 57	3/4 Scan
5	10 30 42	3/4 Scan
6	10 38 20	No Data
7	12 51 09	3/4 Scan
8	13 05 51	3/4 Scan
9	15 00 51	3/4 Scan
10	15 15 37	3/4 Scan
11	15 32 11	3/4 Scan Dropout of 50 lines near top of picture
12	15 47 07	3/4 Scan
13	16 01 48	3/4 Scan
14	16 16 29	3/4 Scan
15	16 31 10	3/4 Scan
16	16 45 57	3/4 Scan
17	17 00 41	3/4 Scan
18	17 15 19	3/4 Scan
19	17 30 03	3/4 Scan
20	17 48 07	3/4 Scan
21	18 02 47	3/4 Scan
22	20 09 30	3/4 Scan
23	20 24 15	3/4 Scan
24	20 38 55	3/4 Scan
25	20 53 37	3/4 Scan
26	21 08 21	3/4 Scan
27	21 23 08	3/4 Scan
28	21 37 49	3/4 Scan
29	21 52 30	3/4 Scan
30	22 07 11	3/4 Scan
31	22 21 52	3/4 Scan
32	22 36 33	3/4 Scan
33	22 51 17	3/4 Scan



ATS-III MSSCC 1 MAY 69 17 00 41 Z 17

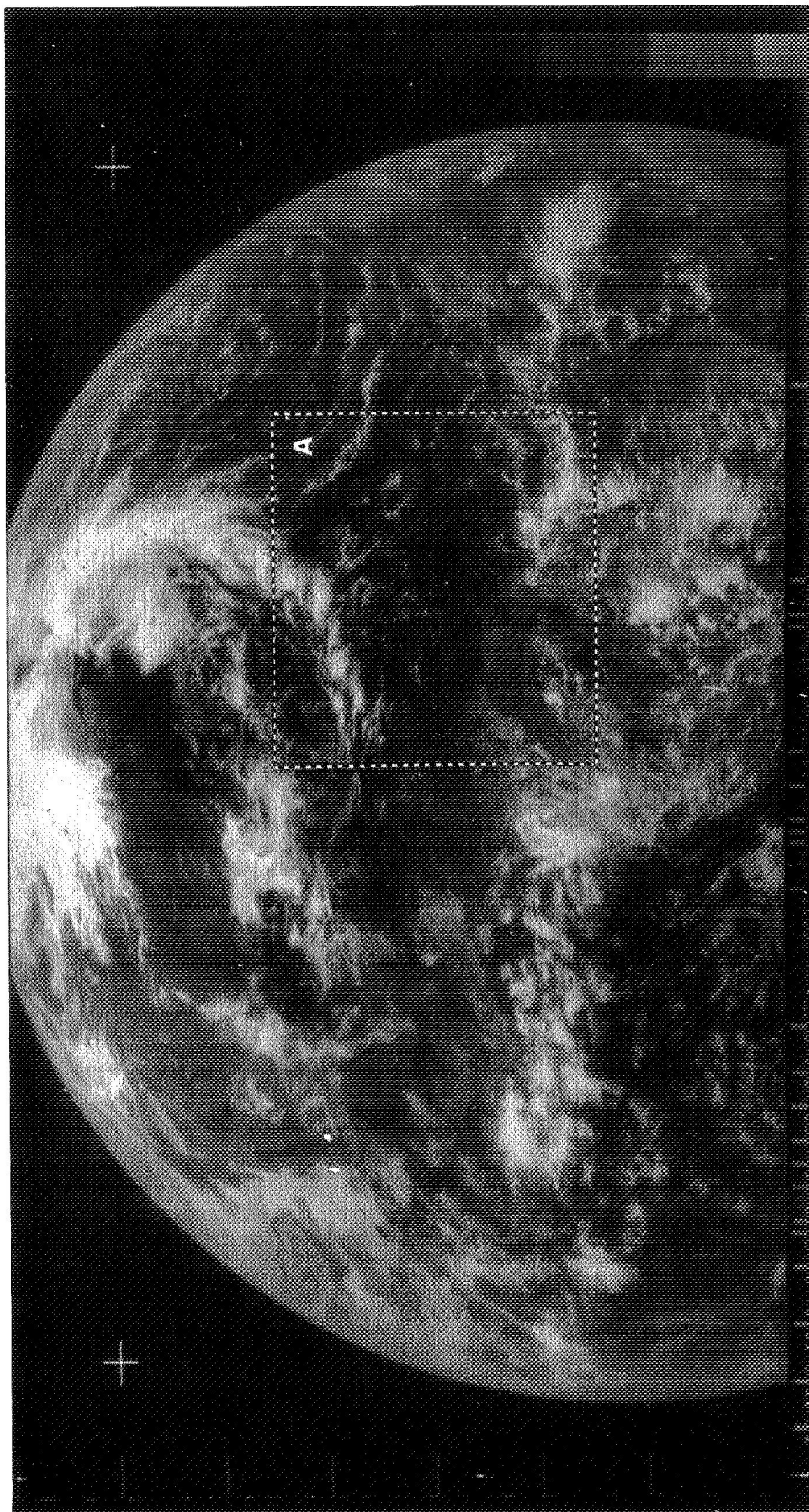
# MSSCC

2 May 69

SSP 73.17 W 0.16 N

Seq	End Time	Remarks
1	09 33 32	Half Scan
2	09 48 13	Half Scan
3	10 02 54	3/4 Scan Electronic Interference Picture Fair
4	10 17 38	3/4 Scan
5	10 32 19	3/4 Scan
6	10 47 00	3/4 Scan
7	11 01 47	3/4 Scan Electronic Interference Picture Fair
8	11 17 51	3/4 Scan
9	11 41 00	3/4 Scan
10	11 55 44	3/4 Scan
11	12 10 22	3/4 Scan
12	12 25 03	3/4 Scan
13	12 39 44	3/4 Scan Electronic Interference Picture Fair
14	12 54 28	3/4 Scan Electronic Interference Picture Fair
15	15 24 50	3/4 Scan
16	15 39 30	3/4 Scan Few Minor Dropouts
17	15 54 12	3/4 Scan Few Minor Dropouts
18	16 08 52	3/4 Scan Few Minor Dropouts
19	16 23 37	3/4 Scan Few Minor Dropouts
20	16 44 55	3/4 Scan
21	16 59 24	3/4 Scan
22	17 18 58	3/4 Scan Number Minor Dropouts
23	17 33 40	3/4 Scan Few Minor Dropouts
24	17 48 21	3/4 Scan Few Minor Dropouts
25	18 07 29	9/10 Scan Dropout of 50 Lines
26	20 21 42	3/4 Scan
27	20 36 26	3/4 Scan Dropout of 50 Lines
28	20 51 13	3/4 Scan
29	21 05 57	3/4 Scan Number Minor Dropouts
30	21 20 38	3/4 Scan Top Half out of Phase Large Dropouts
31	21 35 22	3/4 Scan
32	21 50 12	3/4 Scan Few Minor Dropouts
33	22 04 56	3/4 Scan Few Minor Dropouts
34	22 19 40	3/4 Scan Few Minor Dropouts
35	22 34 21	3/4 Scan Few Minor Dropouts
36	22 49 02	3/4 Scan Few Minor Dropouts





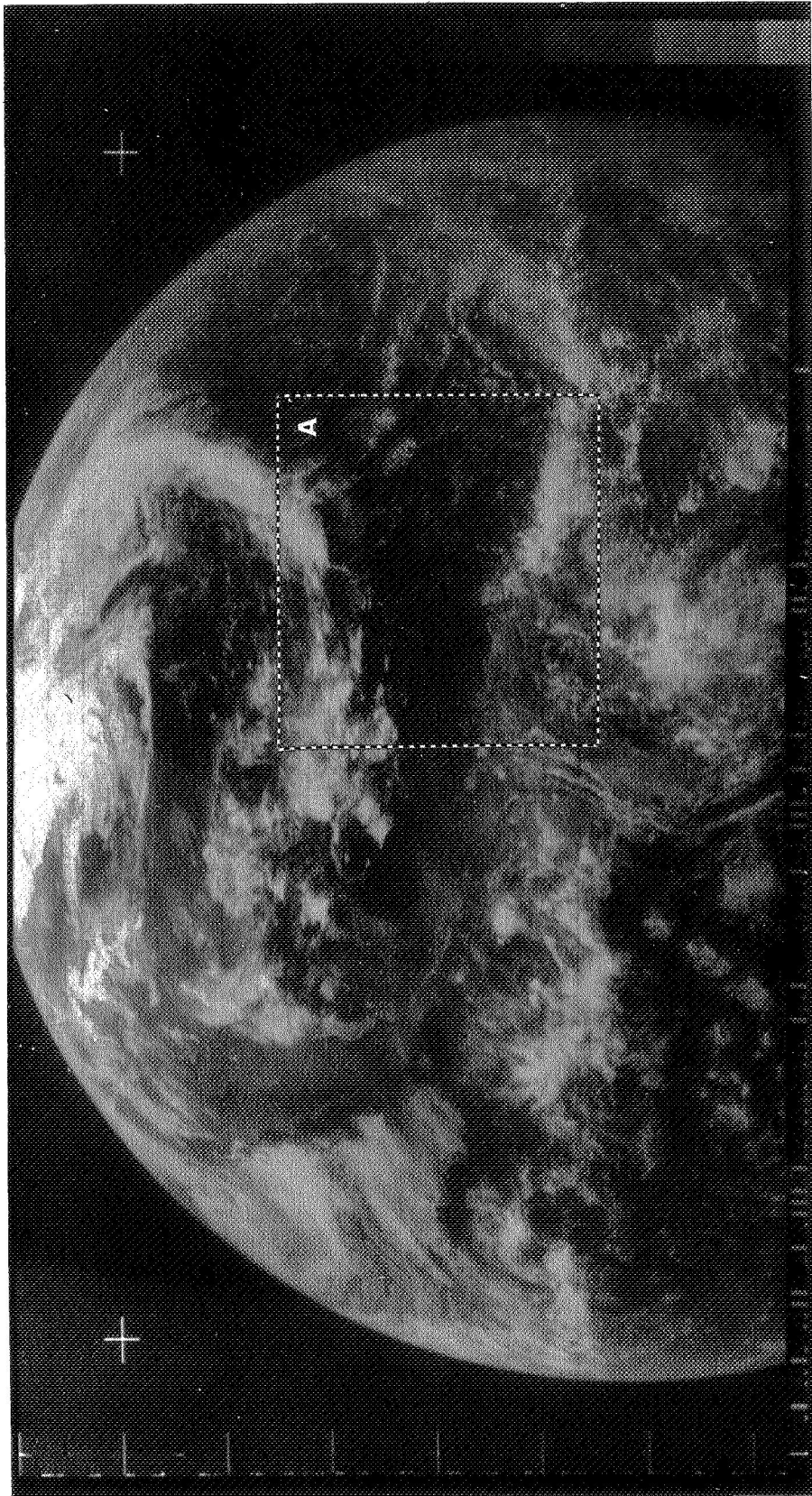
ATS-III MSSCC 2 MAY 69 16 59 24 Z 21

# MSSCC

3 May 69

SSP 73.21 W 0.16 N

Seq	End Time	Remarks
1	09 24 46	Half Scan Few Minor Dropouts
2	09 39 30	Half Scan Few Minor Dropouts
3	09 54 11	Half Scan Few Minor Dropouts
4	10 34 11	Half Scan Few Minor Dropouts
5	10 48 52	Half Scan Few Minor Dropouts
6	11 03 36	Half Scan Few Minor Dropouts
7	11 18 17	Half Scan Few Minor Dropouts
8	11 32 58	Half Scan Few Minor Dropouts
9	11 47 39	Half Scan Few Minor Dropouts
10	12 15 14	Half Scan Few Minor Dropouts
11	12 29 55	Half Scan 400 Line Dropout Last 150 Lines Skewed
12	12 50 41	9/10 Scan Few Minor Dropouts
13	13 06 00	Half Scan Few Minor Dropouts
14	15 13 01	Half Scan Few Minor Dropouts
15	15 27 48	Half Scan Number Minor Dropouts
16	15 42 29	Half Scan Number Minor Dropouts
17	16 11 39	Half Scan Number Minor Dropouts
18	16 26 38	Half Scan Number Minor Dropouts
19	16 41 21	Half Scan Number Minor Dropouts
20	16 56 00	Half Scan Number Minor Dropouts
21	17 10 41	Half Scan Number Minor Dropouts
22	17 25 25	Half Scan Number Minor Dropouts
23	17 40 09	Half Scan Number Minor Dropouts
24	17 54 53	Half Scan Number Minor Dropouts
25	20 24 35	Half Scan Number Minor Dropouts
26	20 39 19	Half Scan Number Minor Dropouts
27	21 35 44	4/5 Scan Number Minor Dropouts
28	21 50 45	Half Scan Number Minor Dropouts
29	22 05 26	Half Scan Number Minor Dropouts
30	22 20 07	Half Scan Number Minor Dropouts
31	22 34 51	Half Scan Number Minor Dropouts
32	22 49 32	Half Scan Number Minor Dropouts



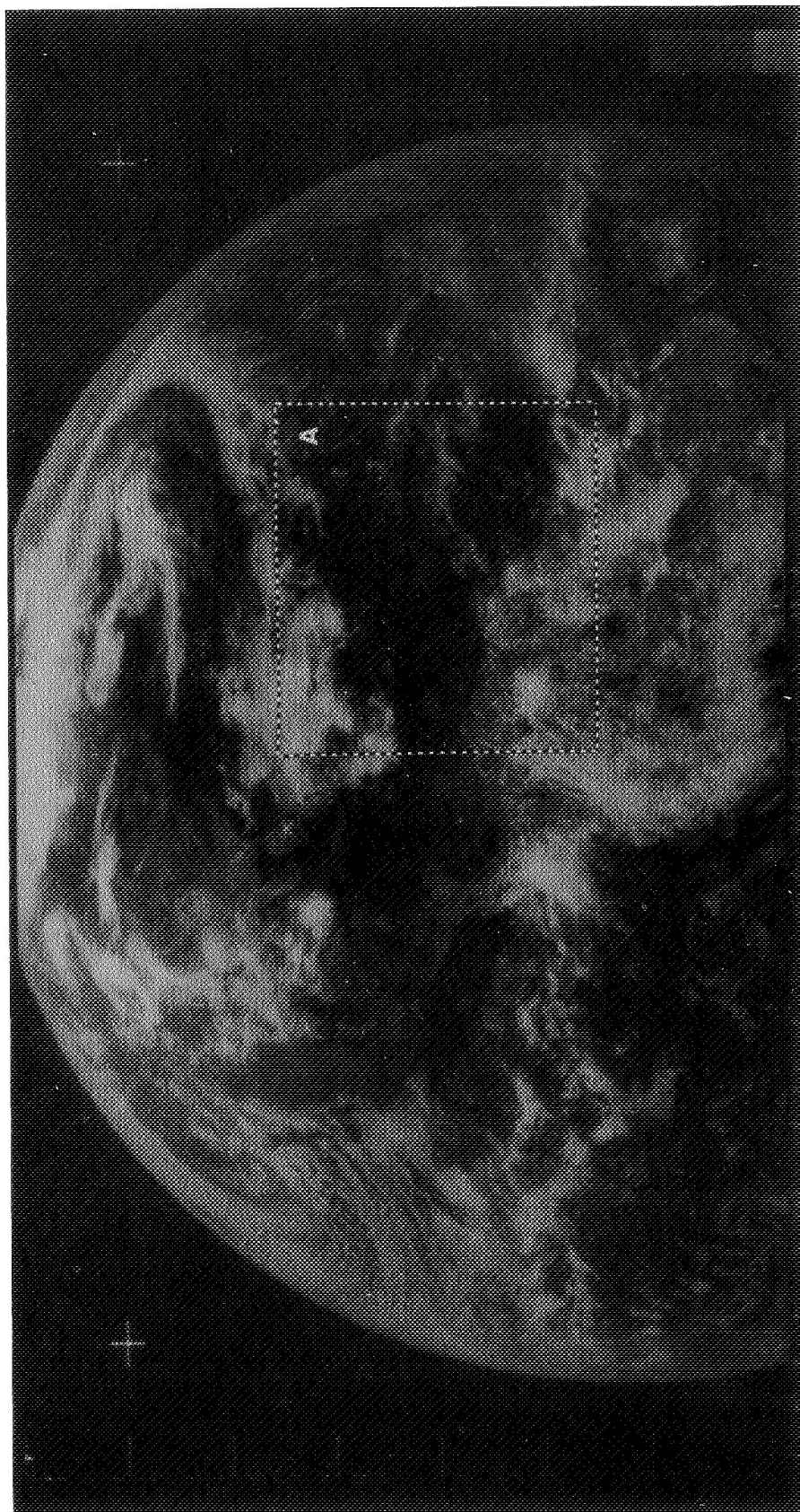
ATS-III MSSCC 3 MAY 69 17 40 09 Z 23

# MSSCC

4 May 69

SSP 73.26W 0.15 N

Seq	End Time	Remarks
1	09 24 47	Half Scan Number Minor Dropouts
2	09 39 42	Half Scan Number Minor Dropouts
3	09 54 23	Half Scan Number Minor Dropouts
4	10 35 29	Half Scan Phasing Error Bottom Third
5	10 54 15	Half Scan Number Minor Dropouts
6	11 08 57	Half Scan Number Minor Dropouts
7	11 23 37	Half Scan Number Minor Dropouts
8	11 38 21	Half Scan Number Minor Dropouts
9	12 30 52	Half Scan Number Minor Dropouts
10	12 45 36	Half Scan Number Minor Dropouts
11	13 00 20	Half Scan Number Minor Dropouts
12	15 12 40	Half Scan Number Minor Dropouts
13	15 27 25	Half Scan Number Minor Dropouts
14	15 42 09	Half Scan Number Minor Dropouts
15	16 10 05	No Data
16	16 25 39	No Data
17	16 40 23	Half Scan Number Minor Dropouts
18	16 55 04	Half Scan Number Minor Dropouts
19	17 09 48	Half Scan Number Minor Dropouts
20	17 24 29	Half Scan Number Minor Dropouts
21	17 39 13	Half Scan Number Minor Dropouts
22	17 53 57	Half Scan Number Minor Dropouts
23	20 12 02	No Data
24	20 27 21	Half Scan Number Minor Dropouts
25	20 42 08	Half Scan Number Minor Dropouts
26	21 40 58	Half Scan Number Minor Dropouts
27	21 55 39	Half Scan Number Minor Dropouts
28	22 10 23	Half Scan Number Minor Dropouts
29	22 25 07	Half Scan Number Minor Dropouts
30	22 39 48	Half Scan Number Minor Dropouts
31	22 54 44	Half Scan Number Minor Dropouts



ATS-III MSSCC 4 MAY 69 17 09 48 Z 19

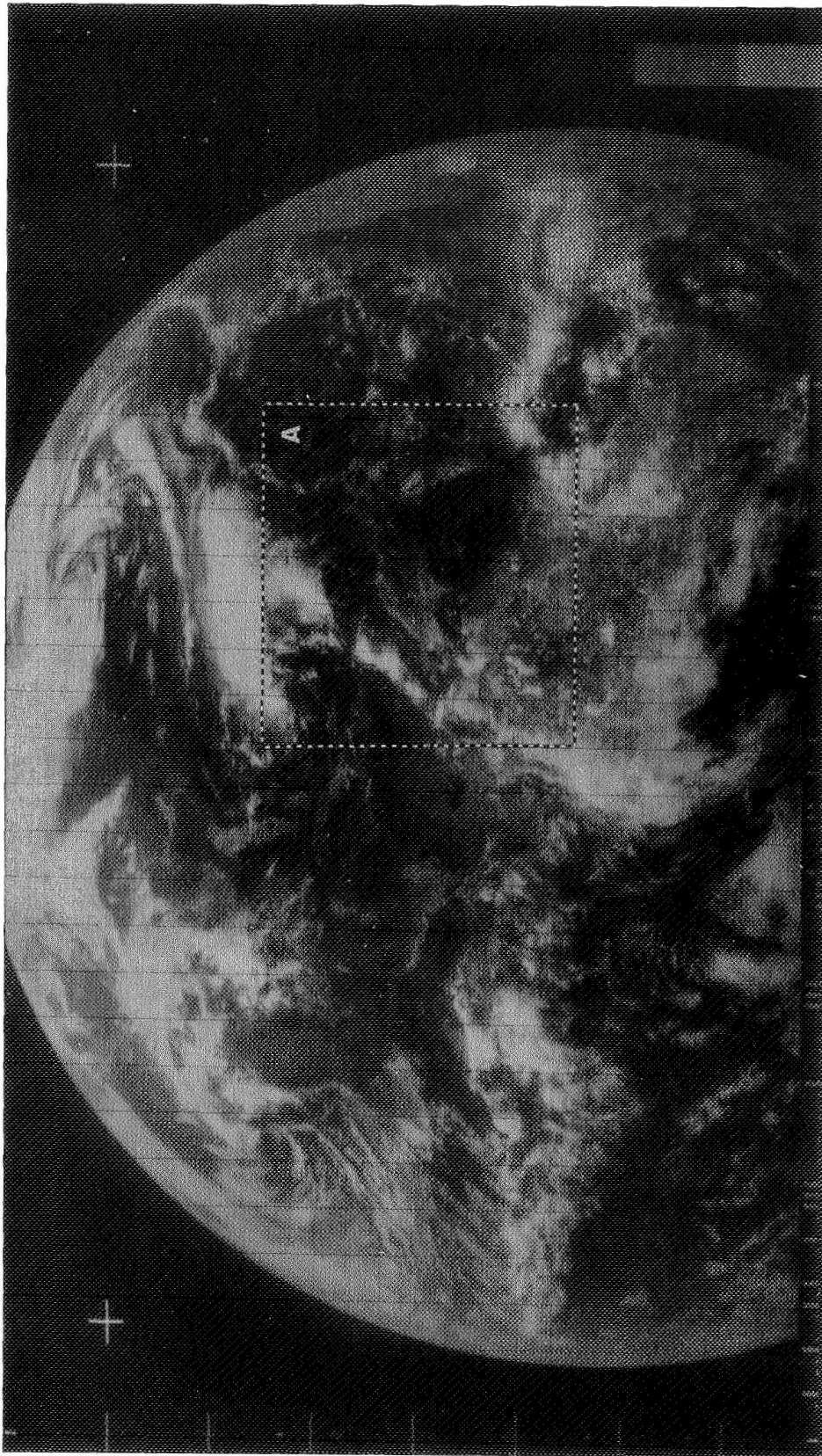
# MSSCC

5 May 69

SSP 73.31 W 0.15 N

Seq	End Time			Remarks
1	09	41	49	Half Scan Number Minor Dropouts
2	09	56	30	Half Scan Number Minor Dropouts
3	10	36	24	Half Scan Number Minor Dropouts
4	10	51	07	Half Scan Number Minor Dropouts
5	11	05	48	Half Scan Number Minor Dropouts
6	11	20	36	Half Scan Number Minor Dropouts
7	11	44	50	Number Minor Dropouts
8	12	00	33	No Data
9	12	25	00	No Data Time Estimated
10	12	55	32	No Data
11	15	05	47	Half Scan Number Minor Dropouts
12	15	20	34	Half Scan Number Minor Dropouts
13	15	35	12	Half Scan Number Minor Dropouts
14	15	49	53	No Data
15	16	16	14	Half Scan Number Minor Dropouts
16	16	30	55	Half Scan Number Minor Dropouts
17	16	45	36	Half Scan Number Minor Dropouts
18	17	01	07	Half Scan Number Minor Dropouts
19	17	15	57	Half Scan Number Minor Dropouts
20	17	30	38	Half Scan Number Minor Dropouts
21	17	45	19	Half Scan Number Minor Dropouts
22	18	00	03	Half Scan Number Minor Dropouts
23	20	13	09	Half Scan Number Minor Dropouts
24	20	28	34	Half Scan Number Minor Dropouts
25	20	43	21	Half Scan Number Minor Dropouts Phasing Error
26	21	46	57	No Data
27	22	03	00	Half Scan Few Minor Dropouts
28	22	17	44	Half Scan Phasing Errors
29	22	41	01	Half Scan Few Minor Dropouts
30	22	55	51	Half Scan Phasing Errors





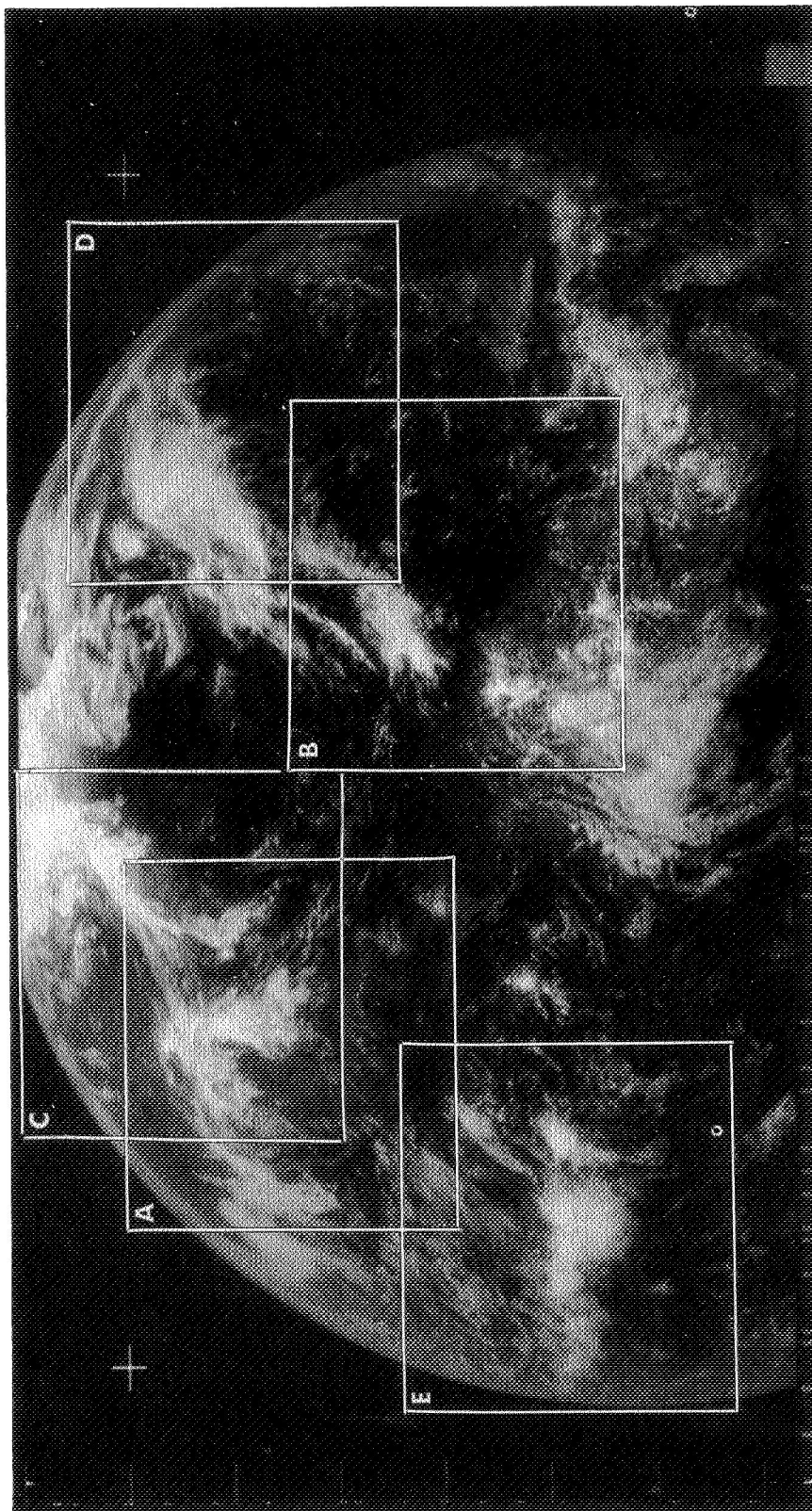
ATS-III MSSCC 5 MAY 69 17 01 07 Z 18

# MSSCC

6 May 69

SSP 73.36 W 0.14 N

Seq	End Time	Remarks
1	09 39 21	Half Scan Some Minor Dropouts
2	09 54 02	Half Scan Some Minor Dropouts
3	10 25 52	No Data
4	10 40 57	Half Scan
5	10 55 29	Half Scan Phasing Errors
6	11 10 10	Half Scan Some Minor Dropouts
7	11 24 54	Half Scan Some Minor Dropouts
8	11 39 35	Half Scan Phasing Errors
9	11 54 16	Half Scan Few Minor Dropouts
10	12 27 47	Half Scan Few Minor Dropouts
11	12 42 22	Half Scan Few Minor Dropouts
12	12 57 03	Half Scan Few Minor Dropouts
13	15 05 06	Half Scan Few Minor Dropouts
14	15 19 50	Half Scan Few Minor Dropouts
15	15 34 31	Half Scan Few Minor Dropouts
16	15 49 09	Half Scan Few Minor Dropouts
17	16 14 43	Half Scan Few Minor Dropouts
18	16 29 27	Half Scan Few Minor Dropouts
19	16 44 19	Half Scan Few Minor Dropouts
20	16 58 52	Half Scan Few Minor Dropouts
21	17 13 35	Half Scan Few Minor Dropouts
22	17 28 19	Half Scan Few Minor Dropouts
23	17 43 04	Half Scan Few Minor Dropouts
24	17 58 05	Half Scan Few Minor Dropouts
25	20 14 12	Half Scan Few Minor Dropouts
26	20 28 52	Half Scan Few Minor Dropouts
27	20 43 37	Half Scan Few Minor Dropouts
28	21 26 40	Half Scan Few Minor Dropouts
29	21 41 24	Half Scan Few Minor Dropouts
30	21 37 00	No Data
31	22 19 08	Half Scan Phasing Error
32	22 38 54	No Data
33	22 54 22	No Usable Data



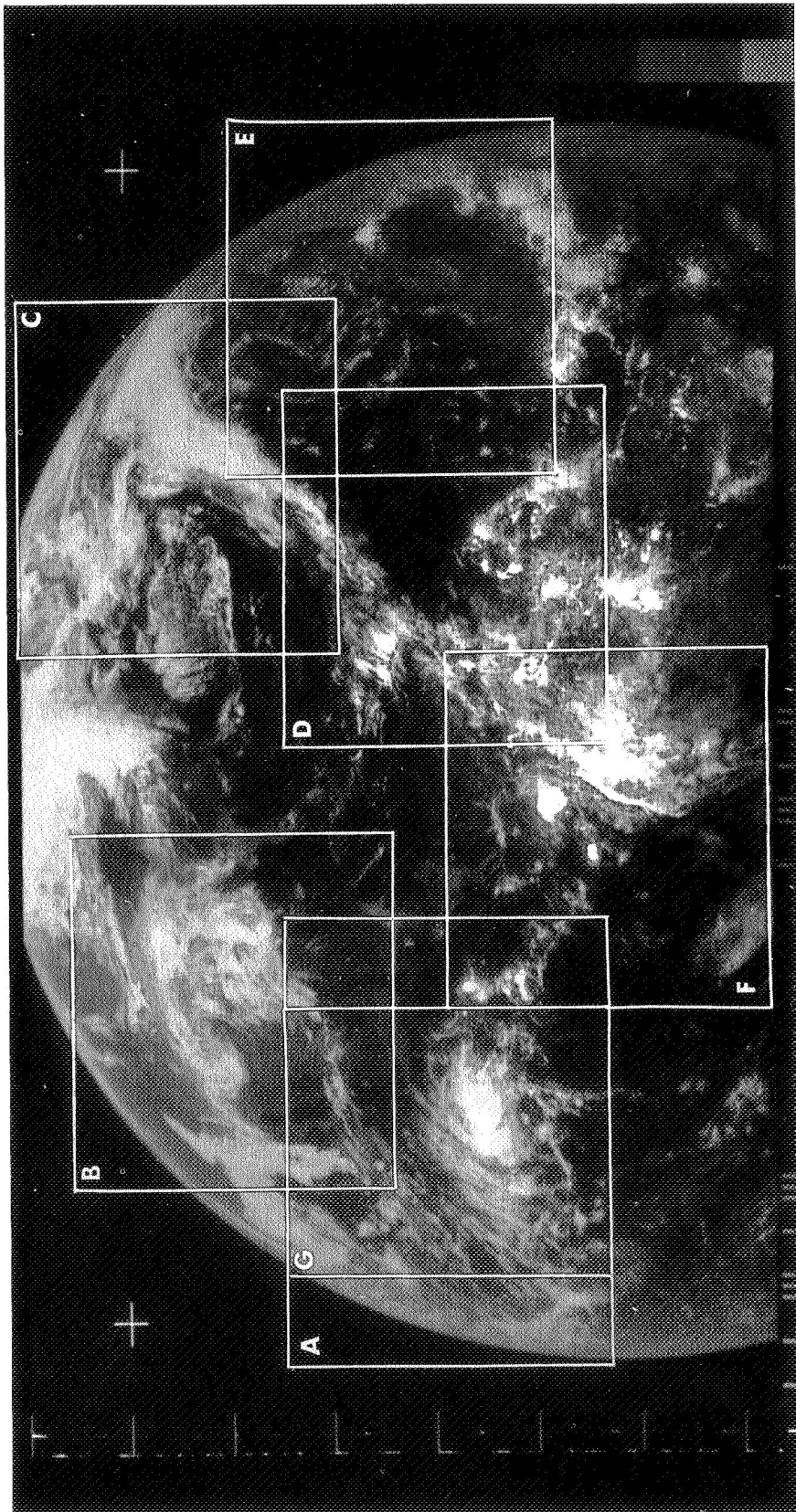
ATS-II MSSCC 6 MAY 69 16 58 52 Z 20

# MSSCC

7 May 69

SSP 73.41 W 0.13 N

Seq	End Time	Remarks
1	09 24 07	Half Scan Few Minor Dropouts
2	09 38 52	Half Scan Few Minor Dropouts
3	10 06 36	Half Scan Phasing Errors Picture Fair
4	10 27 33	Half Scan Phasing Errors Picture Good
5	10 42 14	Half Scan Few Minor Dropouts
6	10 56 55	Half Scan Few Minor Dropouts
7	11 11 36	Half Scan Few Minor Dropouts
8	11 26 17	Half Scan Few Minor Dropouts
9	11 41 10	Half Scan Phasing Error
10	15 20 38	Half Scan Few Minor Dropouts
11	15 46 41	Half Scan Few Minor Dropouts
12	16 30 38	Half Scan Few Minor Dropouts
13	16 45 19	Half Scan Few Minor Dropouts
14	17 00 00	Half Scan Few Minor Dropouts
15	17 14 44	Half Scan Few Minor Dropouts
16	17 29 28	Half Scan Few Minor Dropouts
17	17 44 12	Half Scan Few Minor Dropouts
18	17 58 56	Half Scan Few Minor Dropouts
19	18 13 37	Half Scan Few Minor Dropouts
20	18 28 35	Half Scan Few Minor Dropouts
21	18 43 20	Half Scan Few Minor Dropouts
22	18 58 04	Half Scan Few Minor Dropouts
23	19 12 47	Half Scan Few Minor Dropouts
24	19 27 44	Half Scan Few Minor Dropouts
25	19 42 39	Half Scan Few Minor Dropouts
26	19 57 23	Half Scan Few Minor Dropouts
27	20 12 04	Half Scan Few Minor Dropouts
28	20 28 00	No Usable Data
29	21 29 06	Half Scan Few Minor Dropouts
30	21 43 53	No Usable Data
31	21 58 43	Half Scan
32	22 25 40	No Usable Data
33	22 56 45	One Third Scan



ATS-III MSSCC 7 MAY 69 17 00 00 Z 14

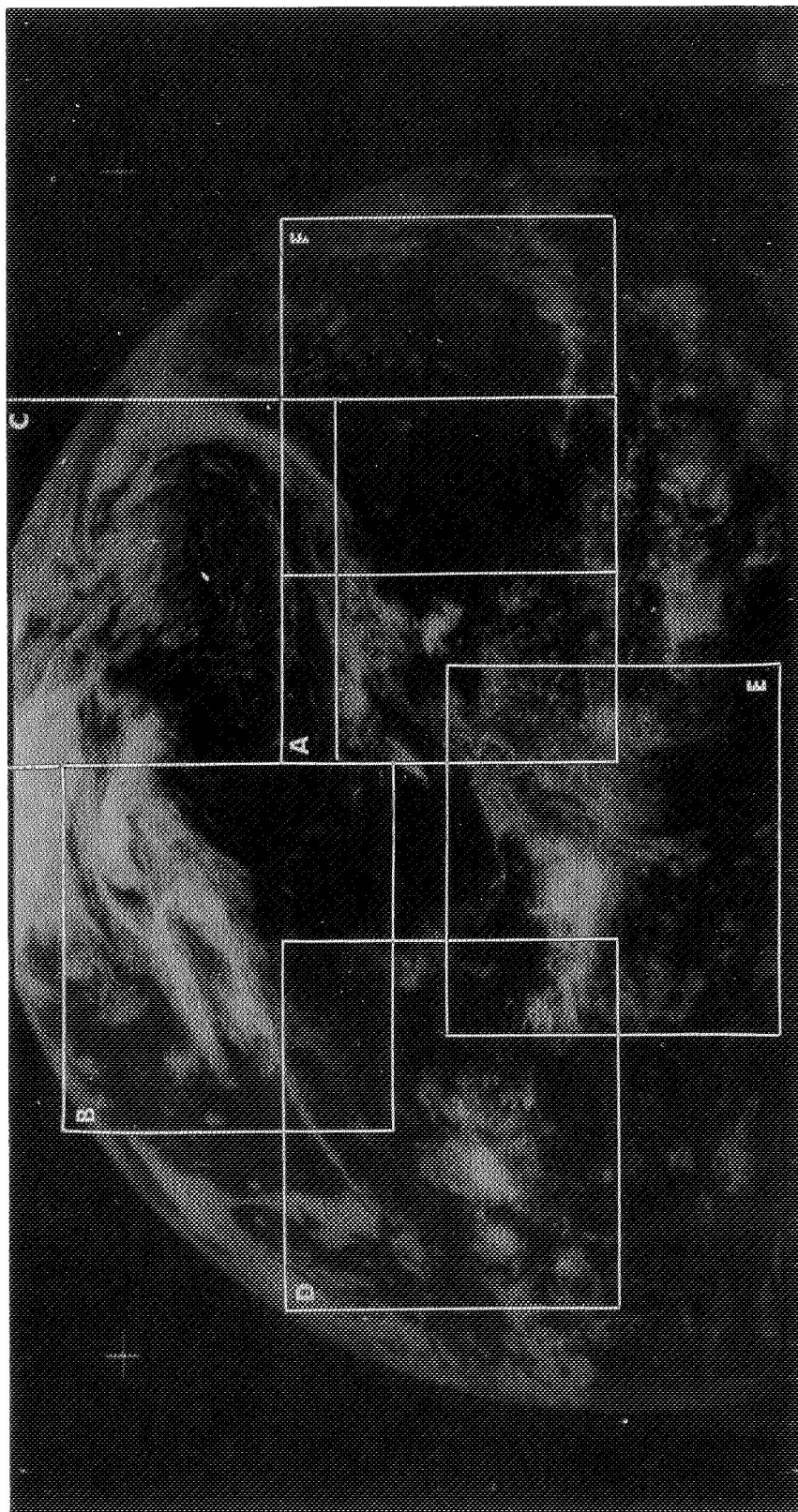
## MSSCC

8 May 69

SSP 73.46 W 0.13 N

Seq	End Time	Remarks
1	09 39 12	Half Scan Few Minor Dropouts
2	09 53 34	Half Scan Few Minor Dropouts
3	11 27 49	Half Scan Few Minor Dropouts
4	11 42 19	Half Scan Few Minor Dropouts
5	12 49 57	Two Third Scan Few Minor Dropouts
6	13 06 46	Two Third Scan Few Minor Dropouts
7	15 08 13	Two Third Scan Few Minor Dropouts
8	15 22 55	Two Third Scan Few Minor Dropouts
9	15 37 35	Two Third Scan Few Minor Dropouts
10	15 52 28	Two Third Scan Voltage Changes
11	16 07 00	Two Third Scan Few Minor Dropouts
12	16 21 38	Two Third Scan Few Minor Dropouts
13	16 50 07	Two Third Scan Few Minor Dropouts





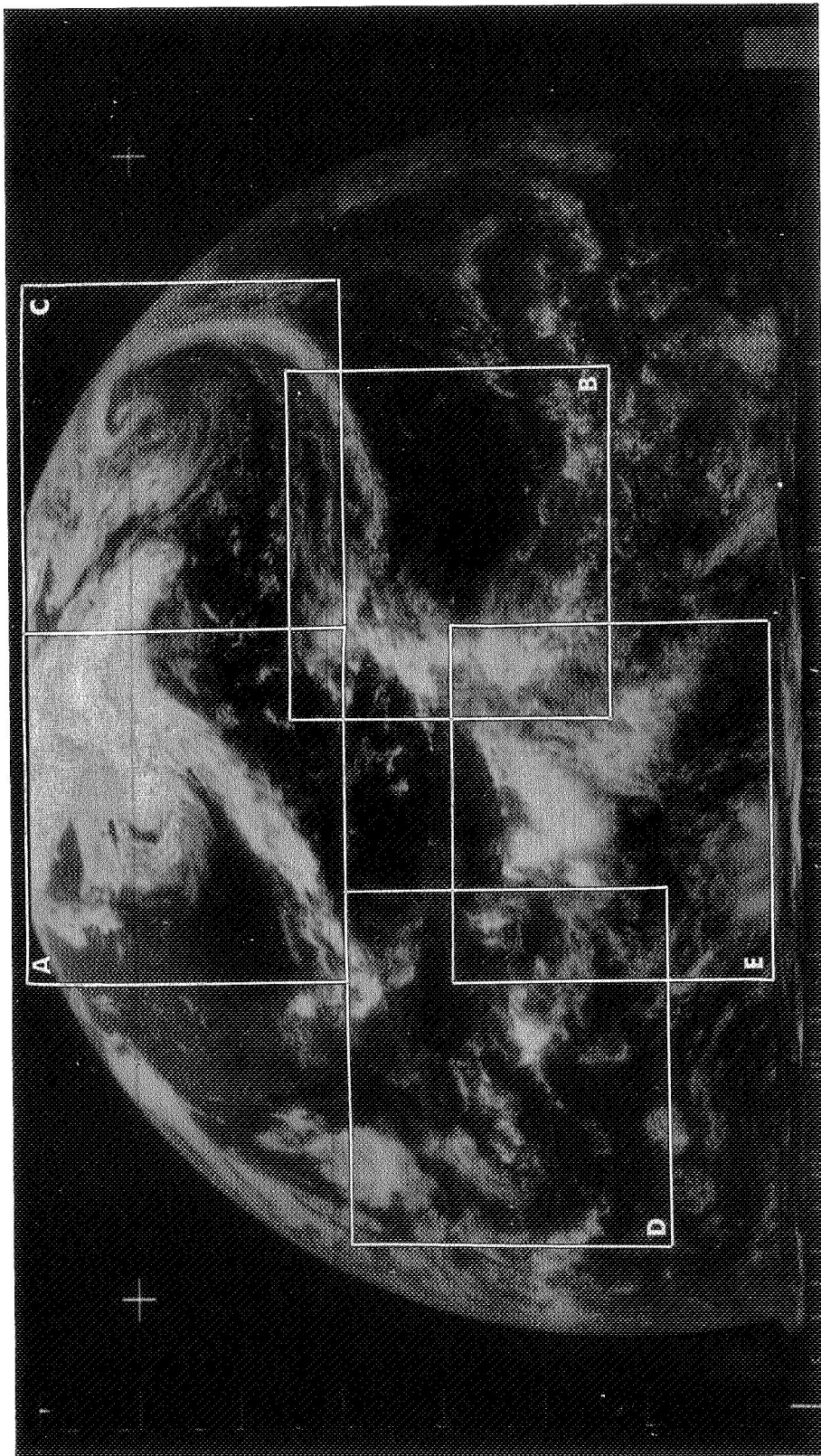
ATS-III MSSCC 8 MAY 69 16 50 07 Z 13

# MSSCC

9 May 69

SSP 73.51 W 0.18 N

Seq	End Time	Remarks
1	09 33 56	Half Scan Few Minor Dropouts
2	09 55 27	Half Scan Few Minor Dropouts
3	10 53 02	Half Scan Few Minor Dropouts
4	11 08 04	Half Scan Few Minor Dropouts
5	11 16 26	No Data
6	12 55 47	Half Scan Few Minor Dropouts
7	15 30 11	Half Scan Few Minor Dropouts
8	15 46 47	Half Scan Few Minor Dropouts
9	16 15 34	Half Scan Few Minor Dropouts
10	16 52 21	Half Scan Few Minor Dropouts
11	17 07 31	Half Scan Few Minor Dropouts
12	17 21 46	Half Scan Few Minor Dropouts
13	17 36 30	Half Scan Few Minor Dropouts
14	17 51 26	Half Scan Few Minor Dropouts
15	18 06 10	Half Scan Few Minor Dropouts



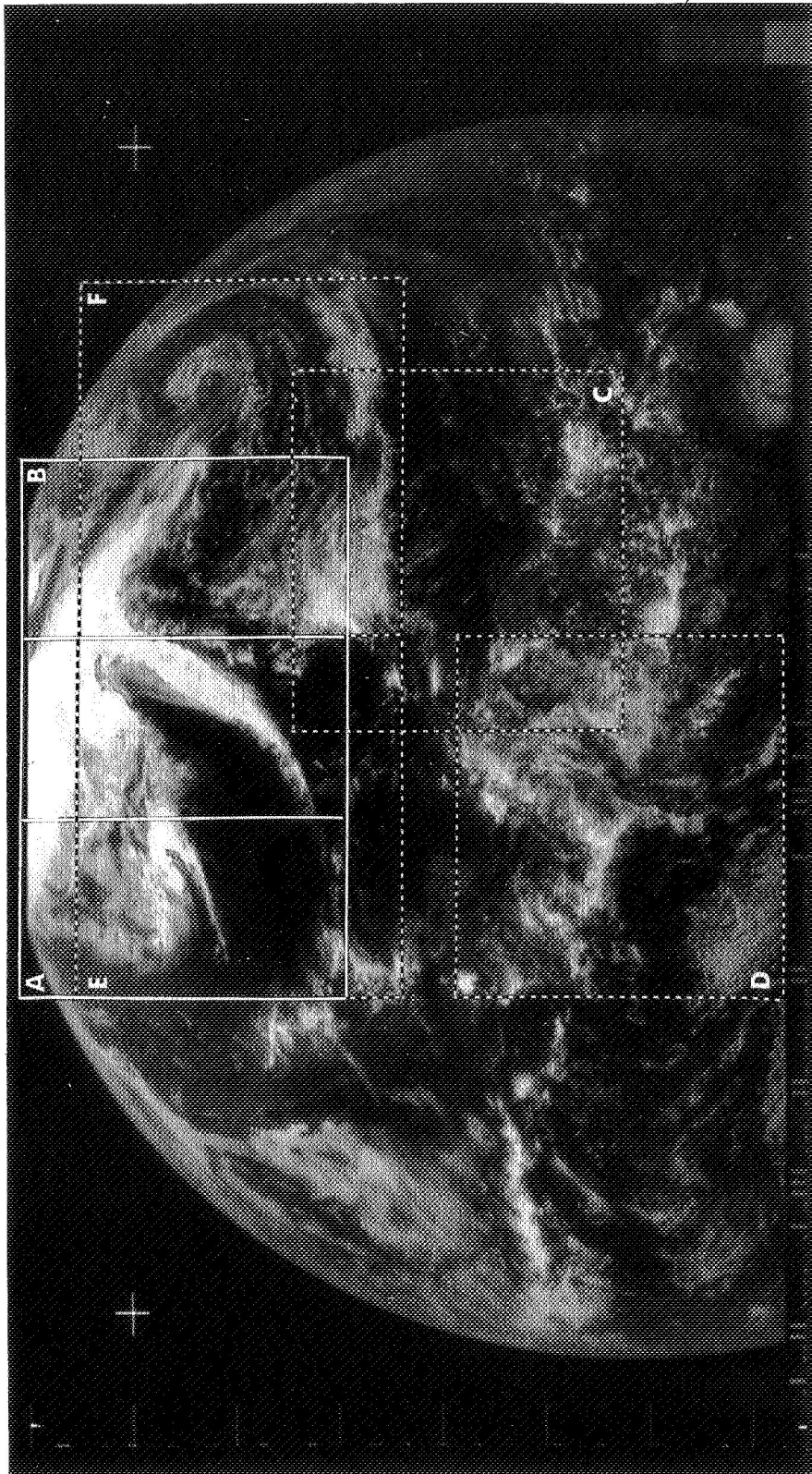
ATS-III MSSCC 9 MAY 69 17 07 31 Z 11

# MSSCC

10 May 69

SSP 73.48W 0.18N

Seq	End Time	Remarks
1	09 25 40	Half Scan Few Minor Dropouts
2	09 40 22	Half Scan Few Minor Dropouts
3	09 55 02	Half Scan Few Minor Dropouts
4	10 54 10	Half Scan Few Minor Dropouts
5	11 04 00	No Data
6	14 54 56	Half Scan Few Minor Dropouts
7	15 09 37	Half Scan Few Minor Dropouts
8	15 24 18	Half Scan Few Minor Dropouts
9	15 38 59	Half Scan Few Minor Dropouts
10	15 53 43	Half Scan Few Minor Dropouts
11	16 19 31	Half Scan Few Minor Dropouts
12	16 51 22	Half Scan Few Minor Dropouts
13	17 06 03	Half Scan Few Minor Dropouts
14	17 20 47	Half Scan Few Minor Dropouts
15	17 35 28	Half Scan Few Minor Dropouts
16	17 50 12	Half Scan Few Minor Dropouts
17	20 12 38	Half Scan Few Minor Dropouts
18	20 28 04	Half Scan Few Minor Dropouts
19	20 42 50	Half Scan Few Minor Dropouts



ATS-III MSSCC 10 MAY 69 17 06 03 Z 13

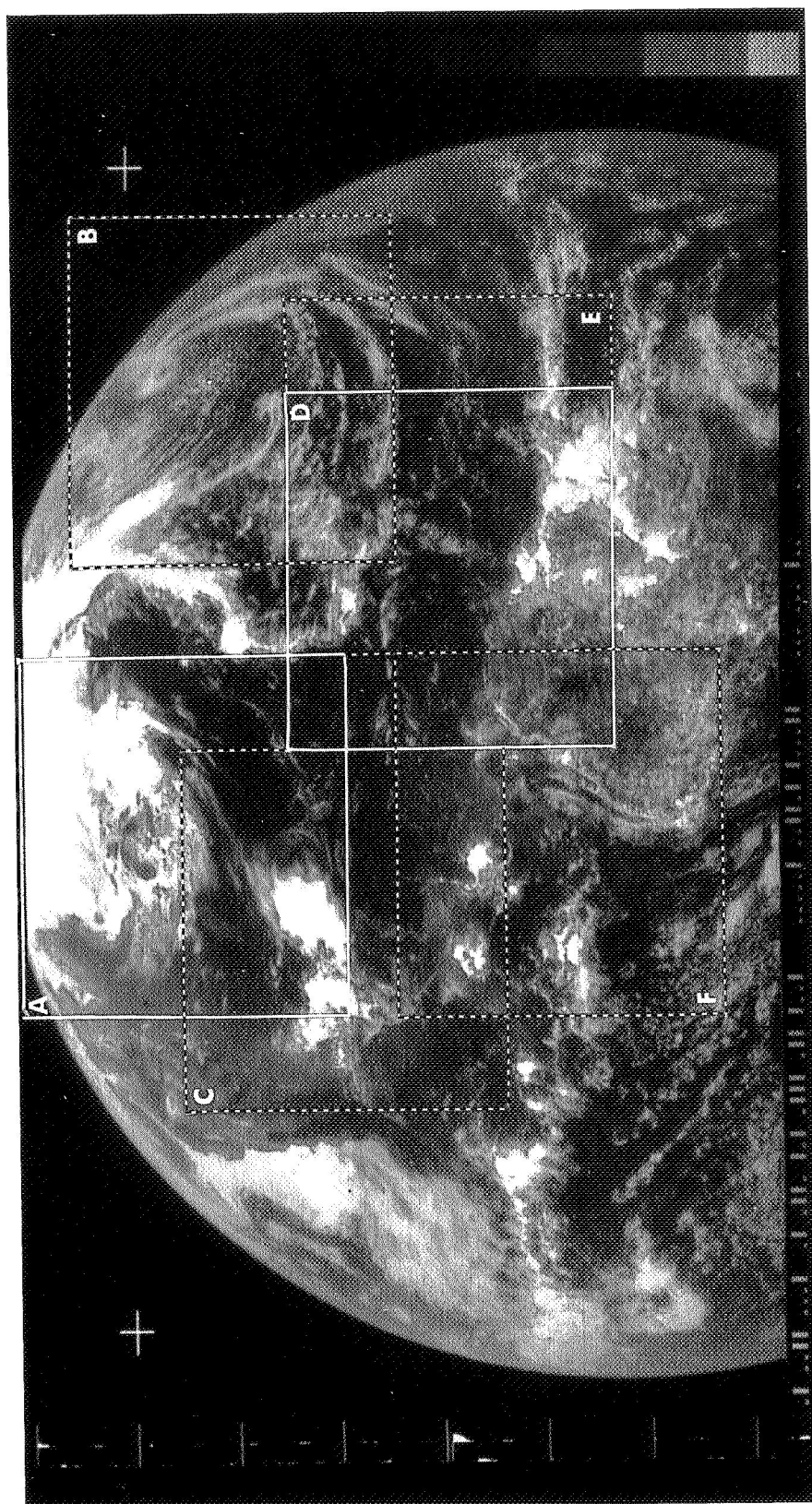
# MSSCC

11 May 69

SSP 73.45 W 0.18 N

Seq	End Time	Remarks
1	16 57 39	Half Scan Few Minor Dropouts
2	17 12 20	Half Scan Few Minor Dropouts
3	17 27 01	Half Scan Few Minor Dropouts
4	17 41 45	Half Scan Few Minor Dropouts
5	17 56 29	Half Scan Few Minor Dropouts
6	20 17 26	Half Scan Few Minor Dropouts
7	20 32 07	Half Scan Few Minor Dropouts
8	20 46 54	Half Scan Few Minor Dropouts
9	21 55 34	Half Scan Few Minor Dropouts
10	22 10 15	Half Scan Few Minor Dropouts
11	22 24 56	Half Scan Few Minor Dropouts
12	22 39 40	Half Scan Few Minor Dropouts
13	22 54 24	Half Scan Few Minor Dropouts





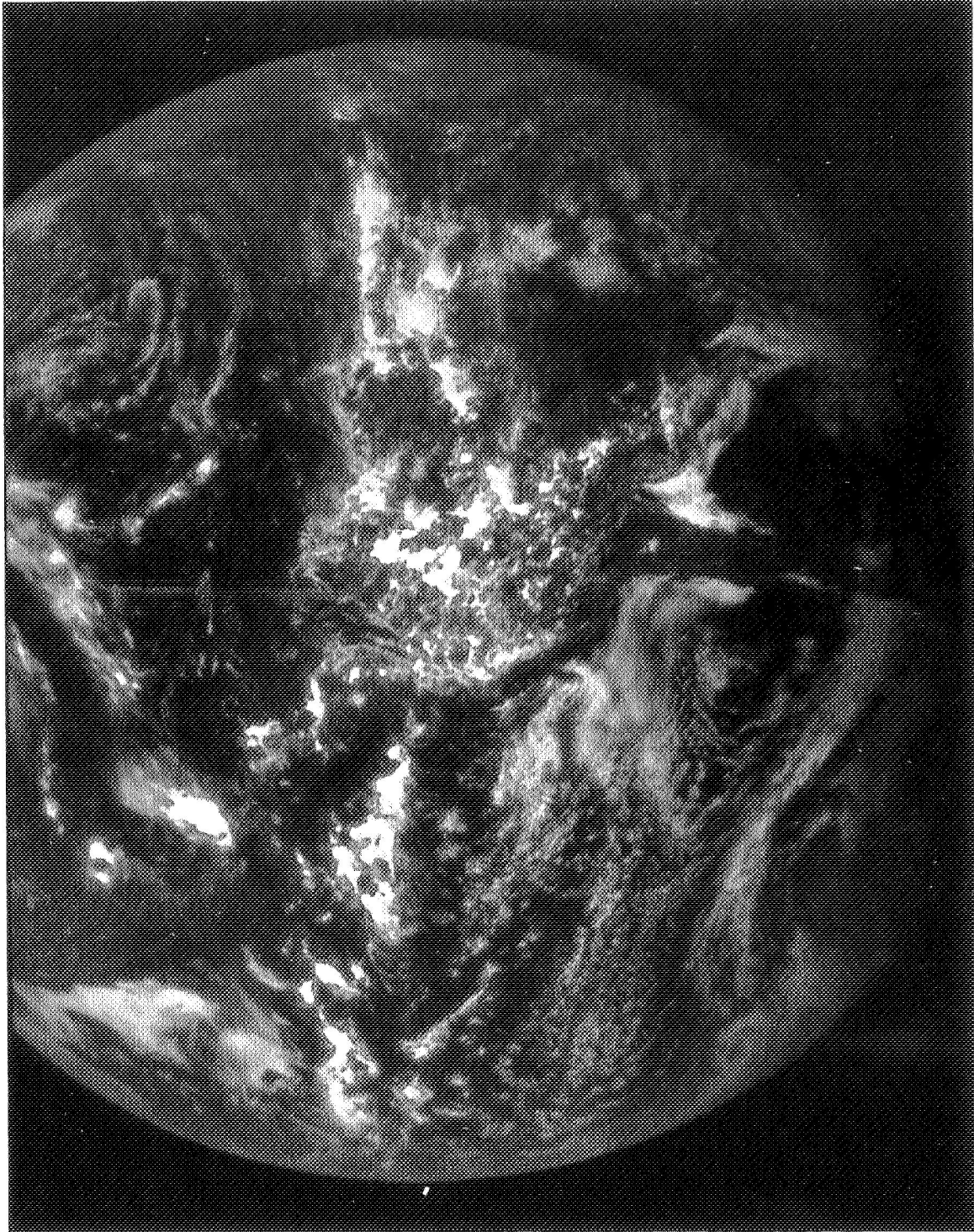
ATS-III MSSCC 11 MAY 69 16 57 39 Z 1

## IDCS

12 May 69

SSP 73.43 W 0.18 N

Seq	Start Time	Remarks
1	17 13 05	
2	17 28 20	



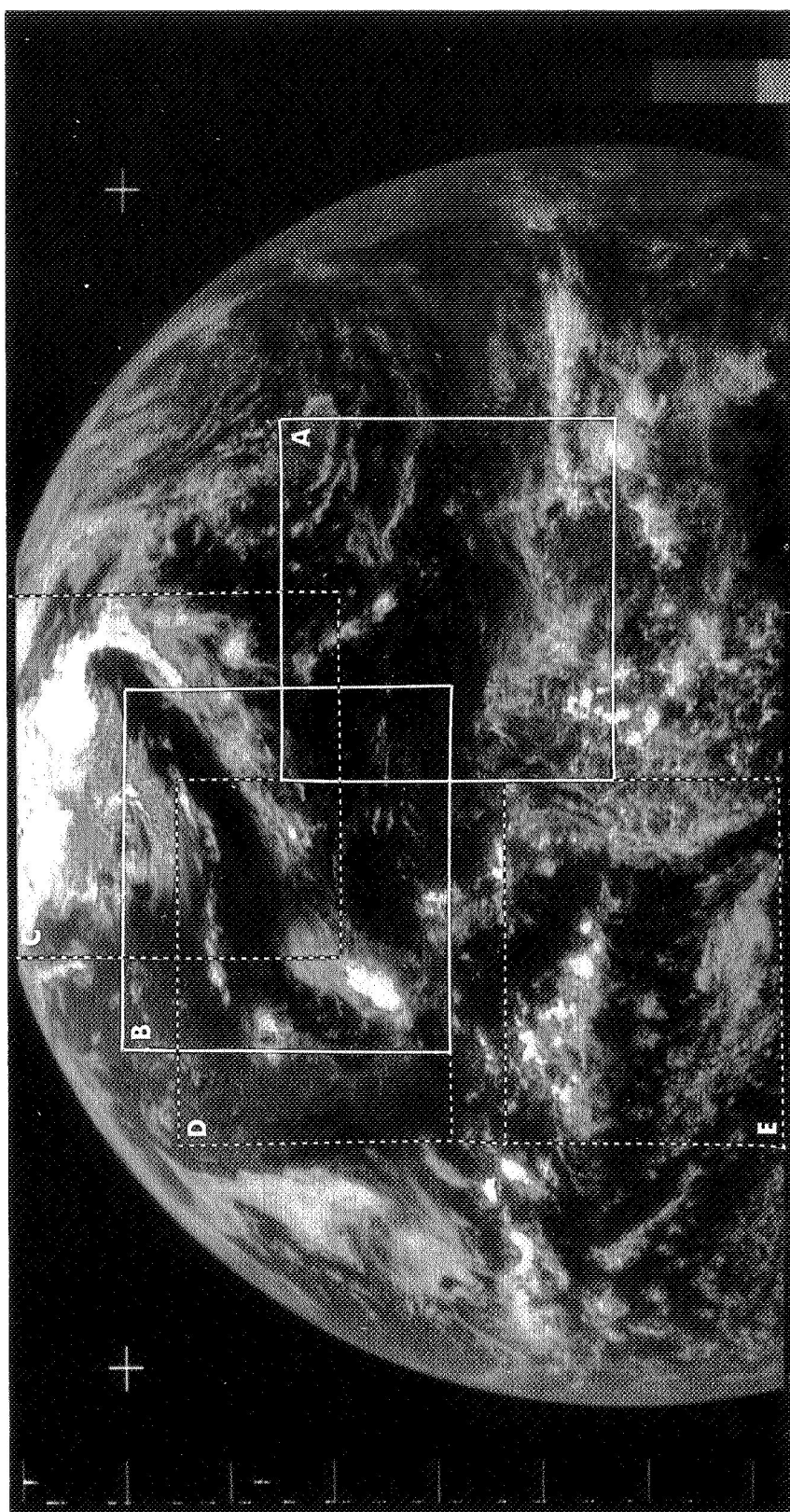
ATS-III IDCS 12 MAY 69 17 13 05 Z 1

## MSSCC

12 May 69

SSP 73.43W 0.18N

Seq	End Time	Remarks
1	09 44 23	Half Scan Few Minor Dropouts
2	09 59 07	Half Scan Few Minor Dropouts
3	11 29 41	Half Scan Few Minor Dropouts
4	11 44 22	Half Scan Few Minor Dropouts
5	11 59 09	Half Scan Few Minor Dropouts
6	12 51 36	Half Scan Phasing Error Picture Fair
7	15 11 49	Half Scan Few Minor Dropouts
8	15 26 24	Half Scan Few Minor Dropouts
9	15 41 05	Half Scan Few Minor Dropouts
10	15 55 43	Half Scan Few Minor Dropouts
11	16 22 40	Half Scan Some Minor Dropouts
12	16 50 18	Half Scan Some Minor Dropouts
13	17 04 59	Half Scan Some Minor Dropouts
14	17 19 43	Half Scan Some Minor Dropouts
15	17 34 26	Half Scan Few Minor Dropouts
16	17 49 11	Half Scan Some Minor Dropouts



ATS-III MSSCC 12 MAY 69 17 04 59 Z 13

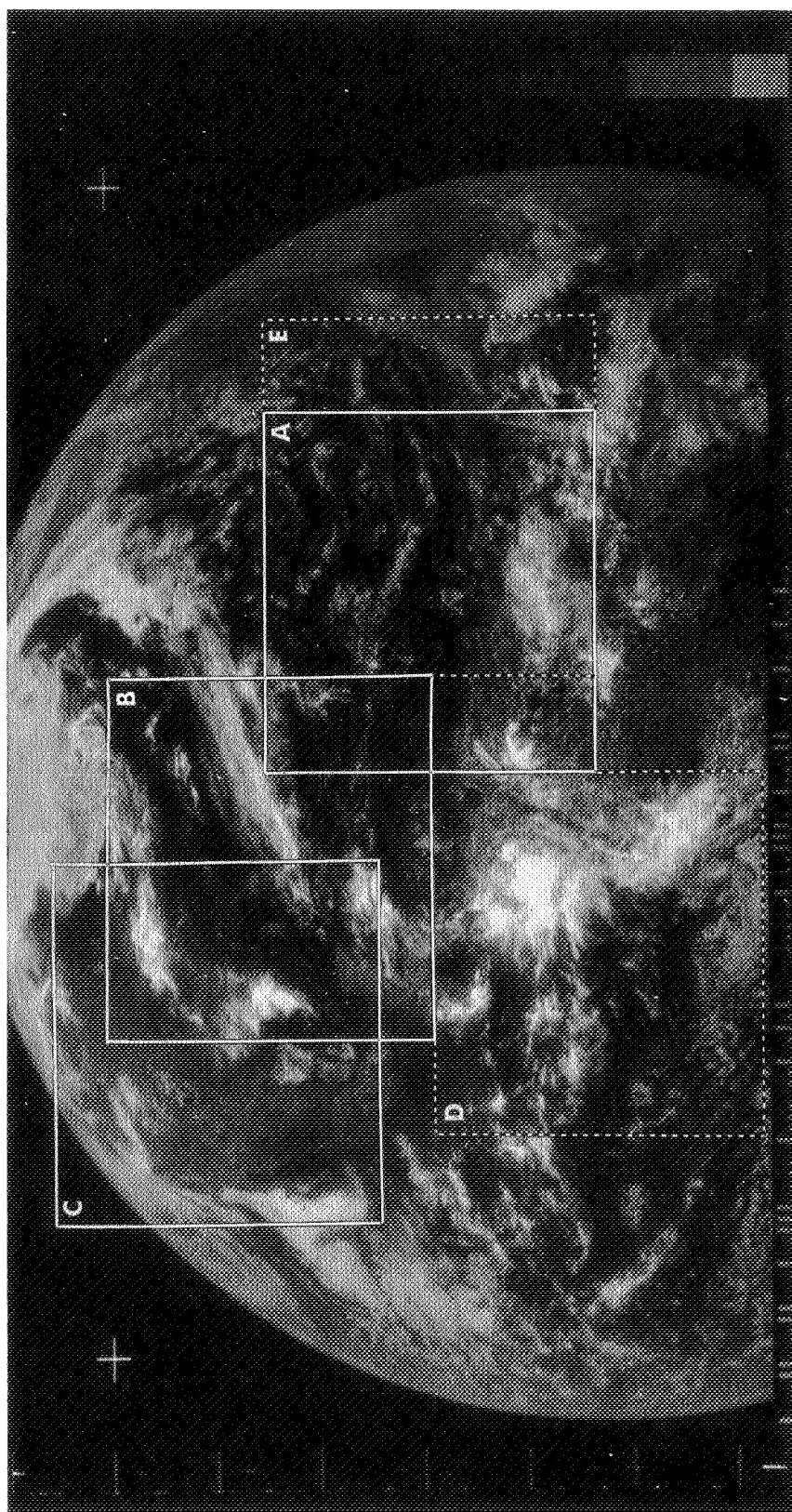
## MSSCC

13 May 69

SSP 73.41 W 0.18 N

Seq	End	Time	Remarks
1	09	22 41	Half Scan Contrast Level Changed Few Dropouts
2	09	37 30	Half Scan Few Minor Dropouts
3	09	52 09	Half Scan Few Minor Dropouts
4	15	16 01	Half Scan Few Minor Dropouts
5	15	30 45	Half Scan Few Minor Dropouts
6	15	45 26	Half Scan Few Minor Dropouts
7	16	00 04	Half Scan Few Minor Dropouts
8	16	14 45	Half Scan Few Minor Dropouts
9	16	50 33	Half Scan Few Minor Dropouts
10	17	08 15	Half Scan Few Minor Dropouts
11	17	22 59	Half Scan Few Minor Dropouts
12	17	38 36	Half Scan Few Minor Dropouts
13	17	53 26	Half Scan Few Minor Dropouts





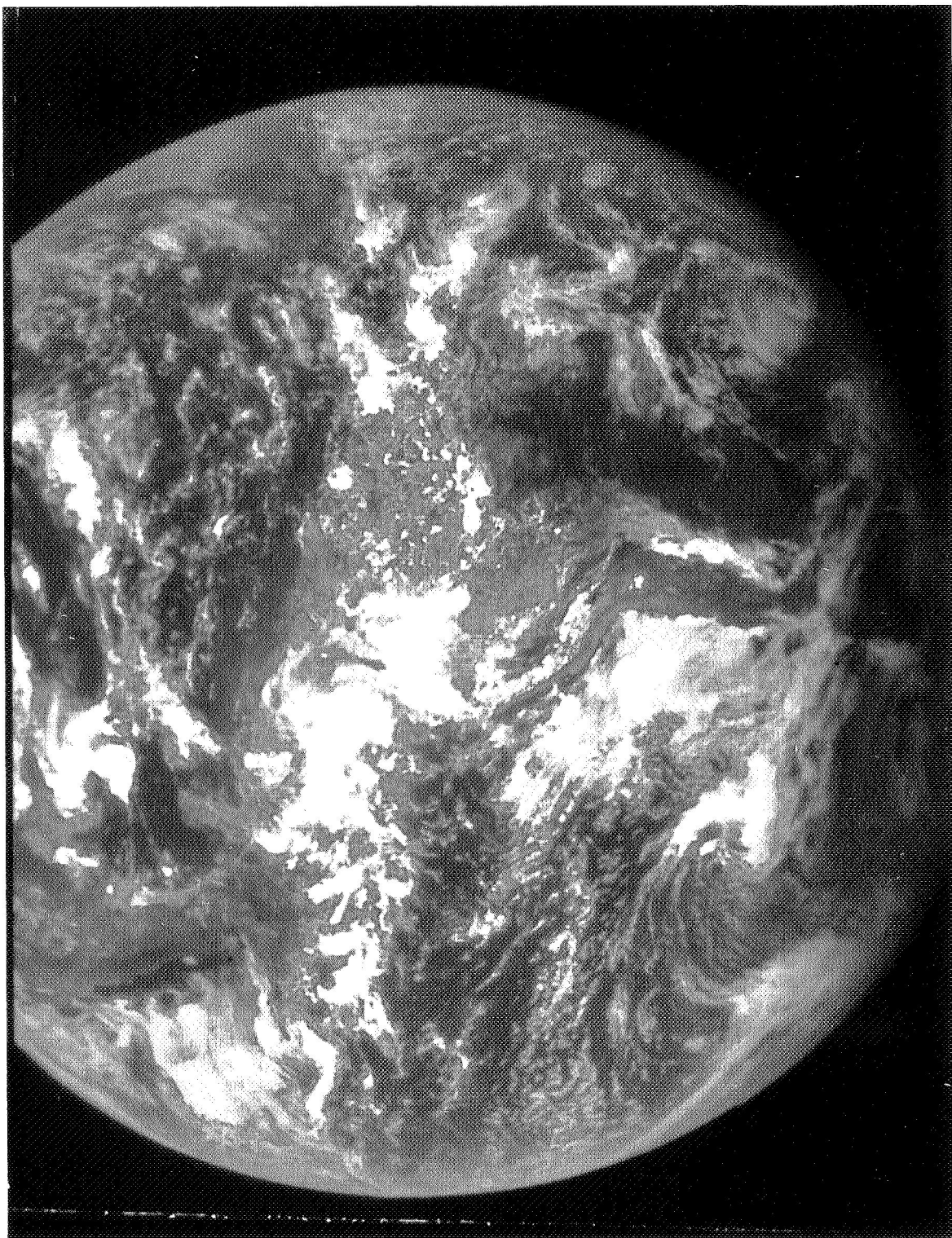
ATS-III MSSCC 13 MAY 69 17 08 15 Z 10

# IDCS

14 May 69

SSP 73.38W 0.18N

Seq	Start Time			Remarks
1	16	59	54	
2	17	15	08	
3	17	30	39	Partial Picture Less Than Bottom Half Recorded



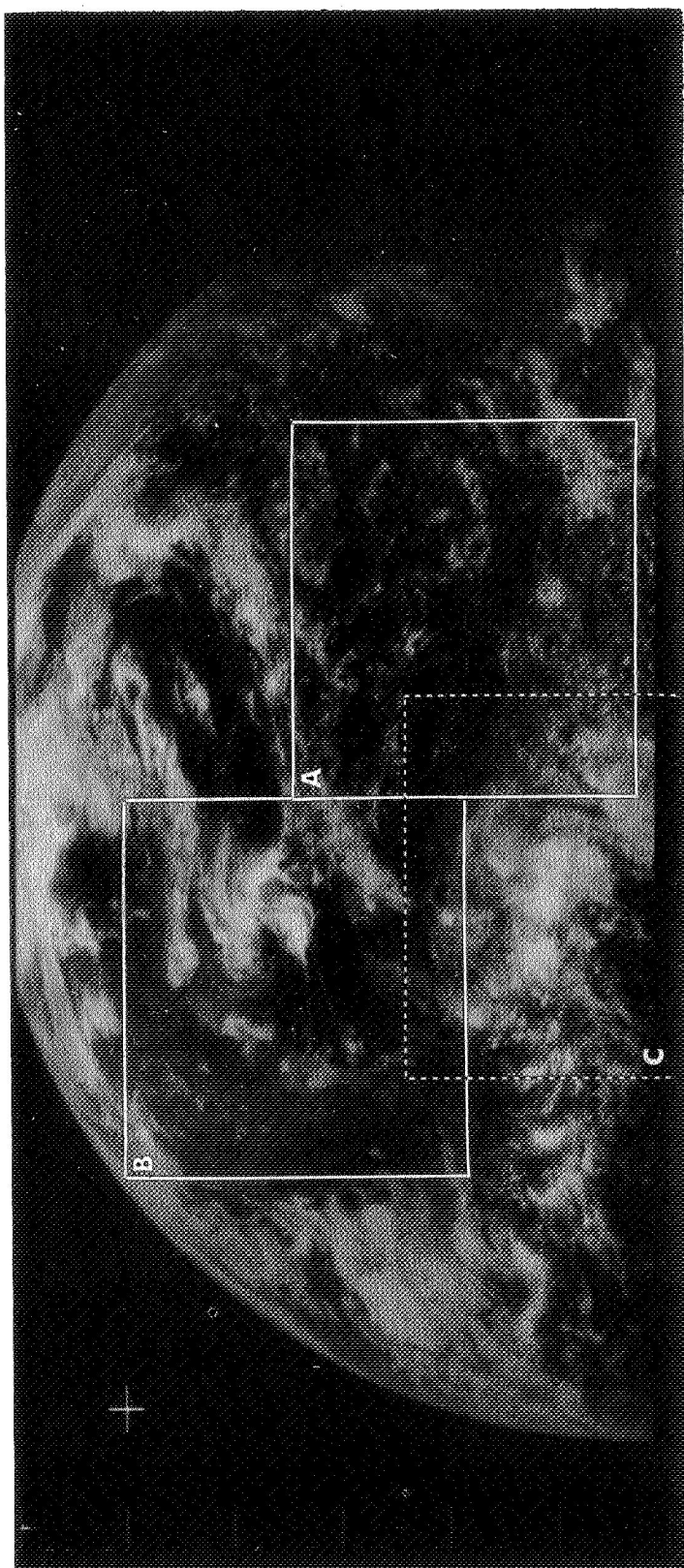
ATS-III IDCS 14 MAY 69 17 15 08 Z 2

## MSSCC

14 May 69

SSP 73.38 W 0.18 N

Seq	End Time	Remarks
1	09 30 56	Half Scan Some Minor Dropouts
2	09 45 37	Half Scan Some Minor Dropouts
3	10 00 16	Half Scan Some Minor Dropouts
4	16 26 37	Half Scan Some Minor Dropouts
5	16 58 42	Half Scan Some Minor Dropouts
6	17 10 44	Half Scan Some Minor Dropouts
7	17 27 20	Half Scan Some Minor Dropouts 50 Line Retrace
8	17 41 37	Half Scan Few Minor Dropouts
9	17 56 22	Half Scan Few Minor Dropouts
10	21 28 39	Half Scan
11	21 56 46	Half Scan
12	22 11 57	Half Scan
13	22 26 47	Half Scan
14	22 41 31	Half Scan Few Minor Dropouts
15	22 57 02	Half Scan Few Minor Dropouts



ATS-II MSSCC 14 MAY 69 17 10 44 Z 6

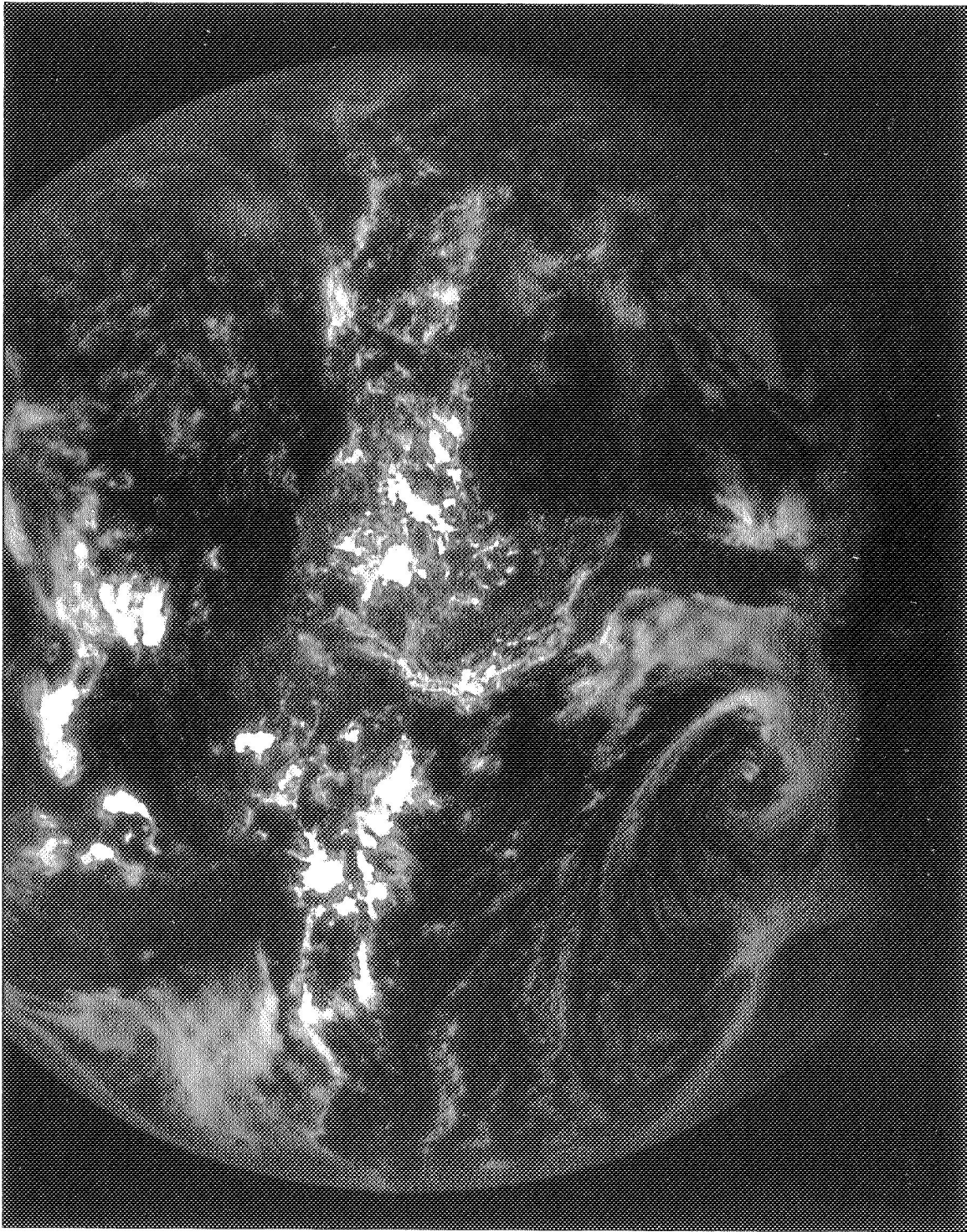
## IDCS

15 May 69

SSP 73.36 W 0.17 N

Seq	Start Time	Remarks
1	16 59 10	Electronic Interference Picture Fair
2	17 14 40	
3	17 30 00	



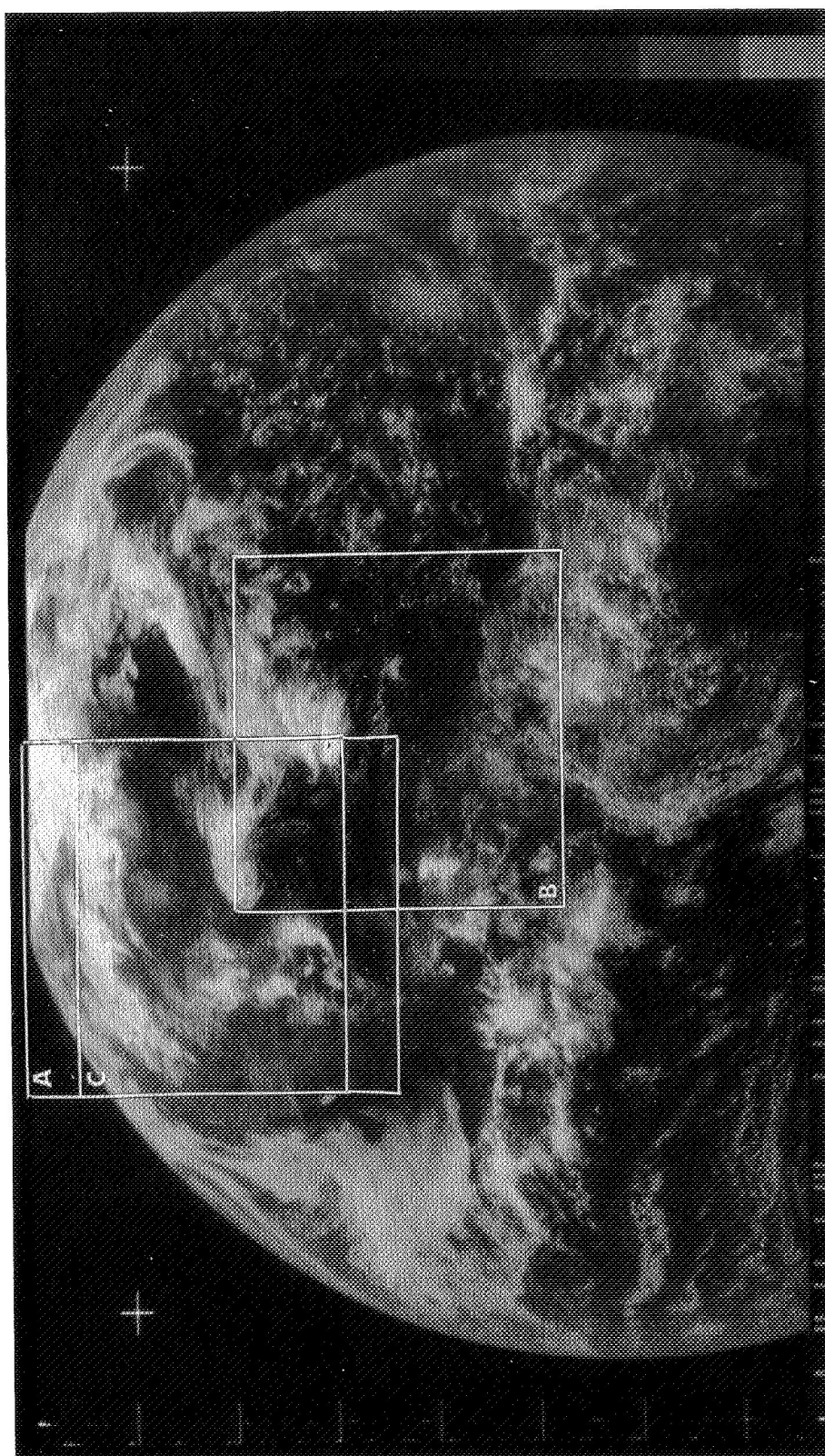


ATS-III IDCs 15 MAY 69 17 14 40 Z 2

15 May 69

SSP 73.36 W 0.17 N

Seq	End Time	Remarks
1	09 23 56	Half Scan Good Data on First 800 Lines
2	09 43 54	Half Scan Some Minor Dropouts
3	09 58 38	Half Scan Some Minor Dropouts
4	10 13 19	Half Scan Few Minor Dropouts
5	10 50 27	Half Scan Few Minor Dropouts
6	11 05 11	Half Scan Few Minor Dropouts
7	11 19 52	Half Scan Few Minor Dropouts
8	11 34 56	Half Scan Few Minor Dropouts
9	11 49 44	Half Scan
10	12 04 24	Half Scan
11	12 19 00	Half Scan
12	12 49 09	Half Scan
13	15 14 19	Half Scan
14	15 29 00	Half Scan
15	15 43 41	Half Scan
16	15 58 22	Half Scan
17	16 13 07	No Data
18	17 02 56	Half Scan Few Minor Dropouts
19	17 17 40	Half Scan Few Minor Dropouts
20	17 32 33	Half Scan
21	17 47 17	Half Scan Few Minor Dropouts
22	18 02 40	Half Scan Few Minor Dropouts
23	18 17 45	Half Scan
24	18 33 07	Half Scan
25	18 47 55	Half Scan Few Minor Dropouts
26	19 02 35	Half Scan Few Minor Dropouts
27	19 17 20	Half Scan Few Minor Dropouts
28	19 32 15	Half Scan Interference Between Lines 150 - 200
29	19 47 02	Half Scan Few Minor Dropouts
30	20 04 09	Two Third Scan
31	20 19 05	Half Scan
32	20 33 48	Half Scan Few Minor Dropouts
33	20 48 41	Two Fifth Scan
34	21 03 31	Half Scan
35	21 18 21	Half Scan
36	21 58 27	Half Scan Electronic Interference Picture Fair
37	22 13 11	Half Scan Electronic Interference Picture Fair
38	22 27 55	Half Scan Electronic Interference Picture Fair
39	22 43 39	Half Scan Electronic Interference Picture Poor
40	22 58 02	Half Scan Electronic Interference Picture Poor



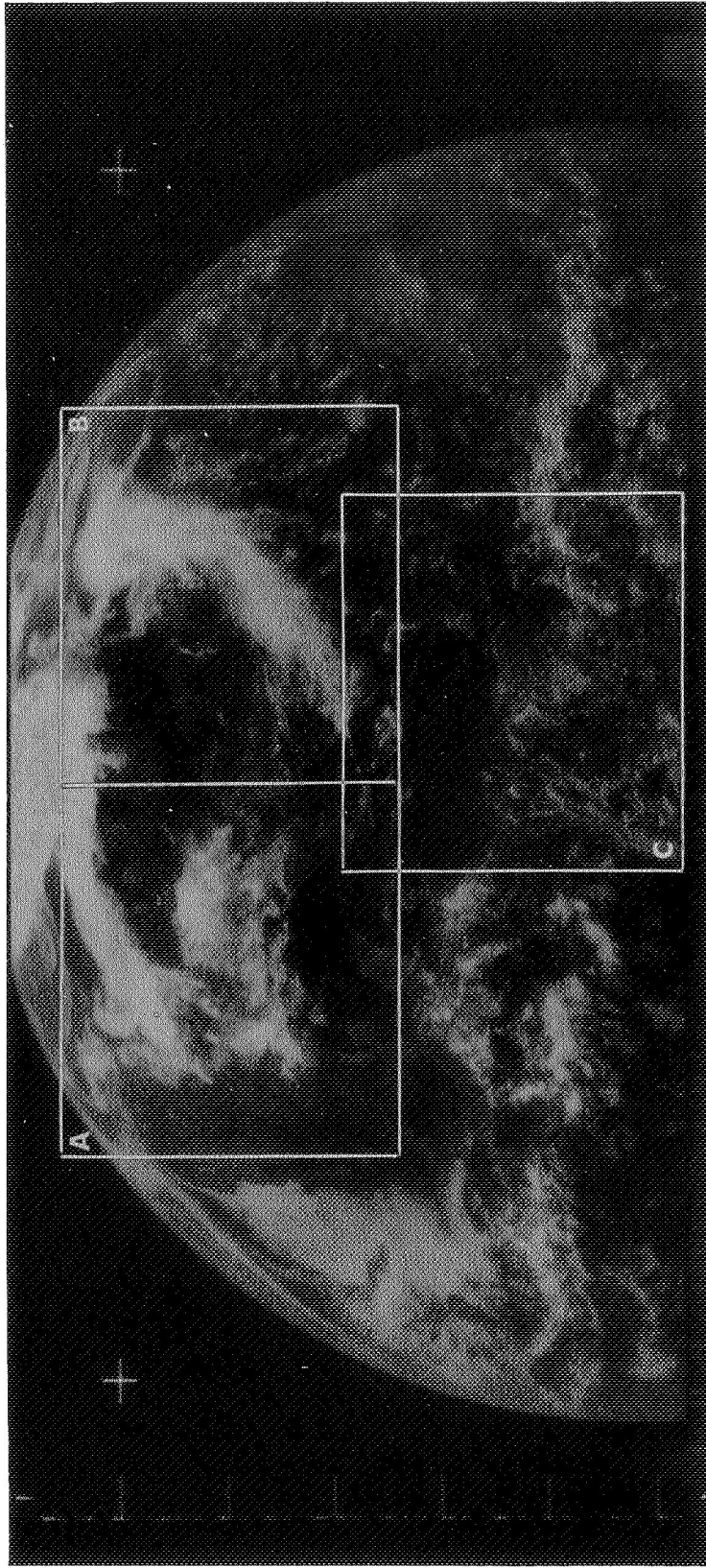
ATS-III MSSCC 15 MAY 69 17 02 56 Z 18

# MSSCC

16 May 69

SSP 73.34 W 0.17 N

Seq	End Time	Remarks
1	09 28 47	Half Scan Few Minor Dropouts
2	09 41 23	Half Scan Few Minor Dropouts
3	09 53 57	Half Scan Few Minor Dropouts
4	10 06 34	Half Scan Few Minor Dropouts
5	10 21 27	Half Scan Few Minor Dropouts
6	10 51 21	Half Scan Few Minor Dropouts
7	11 03 58	Half Scan Few Minor Dropouts
8	11 16 34	Half Scan Few Minor Dropouts
9	11 29 10	Half Scan Few Minor Dropouts
10	11 41 29	Half Scan Few Minor Dropouts
11	11 54 02	No Data
12	12 39 49	Half Scan Few Minor Dropouts
13	12 52 25	Half Scan Few Minor Dropouts
14	13 05 02	Half Scan Few Minor Dropouts
15	13 41 01	Half Scan Some Minor Dropouts
16	14 20 14	Half Scan
17	14 32 39	Half Scan
18	14 56 07	Half Scan Many Minor Dropouts Picture Fair
19	15 08 44	Half Scan Many Minor Dropouts Picture Fair
20	15 21 18	Half Scan
21	15 33 55	Half Scan
22	15 47 02	No Data
23	16 00 37	Half Scan Few Minor Dropouts
24	16 13 15	Half Scan Few Minor Dropouts
25	17 09 38	Half Scan Few Minor Dropouts
26	17 24 20	Half Scan Few Minor Dropouts
27	17 39 54	Half Scan Few Minor Dropouts
28	17 55 46	Half Scan Few Minor Dropouts
29	18 10 39	Half Scan
30	18 25 38	Half Scan
31	18 40 51	Half Scan
32	18 55 47	Half Scan
33	19 10 40	Half Scan
34	19 25 36	Half Scan
35	19 42 04	Half Scan
36	19 58 17	Half Scan
37	20 18 24	Half Scan
38	20 33 26	Half Scan
39	20 50 24	Half Scan
40	21 06 42	Half Scan
41	21 22 23	Half Scan
42	21 51 54	Half Scan
43	22 06 53	Half Scan
44	22 21 58	Half Scan Electronic Interference Picture Poor
45	22 36 12	Half Scan Electronic Interference Picture Poor
46	22 51 20	Half Scan Electronic Interference Picture Poor



ATS-III MSSCC 16 MAY 69 17 09 38 Z 25

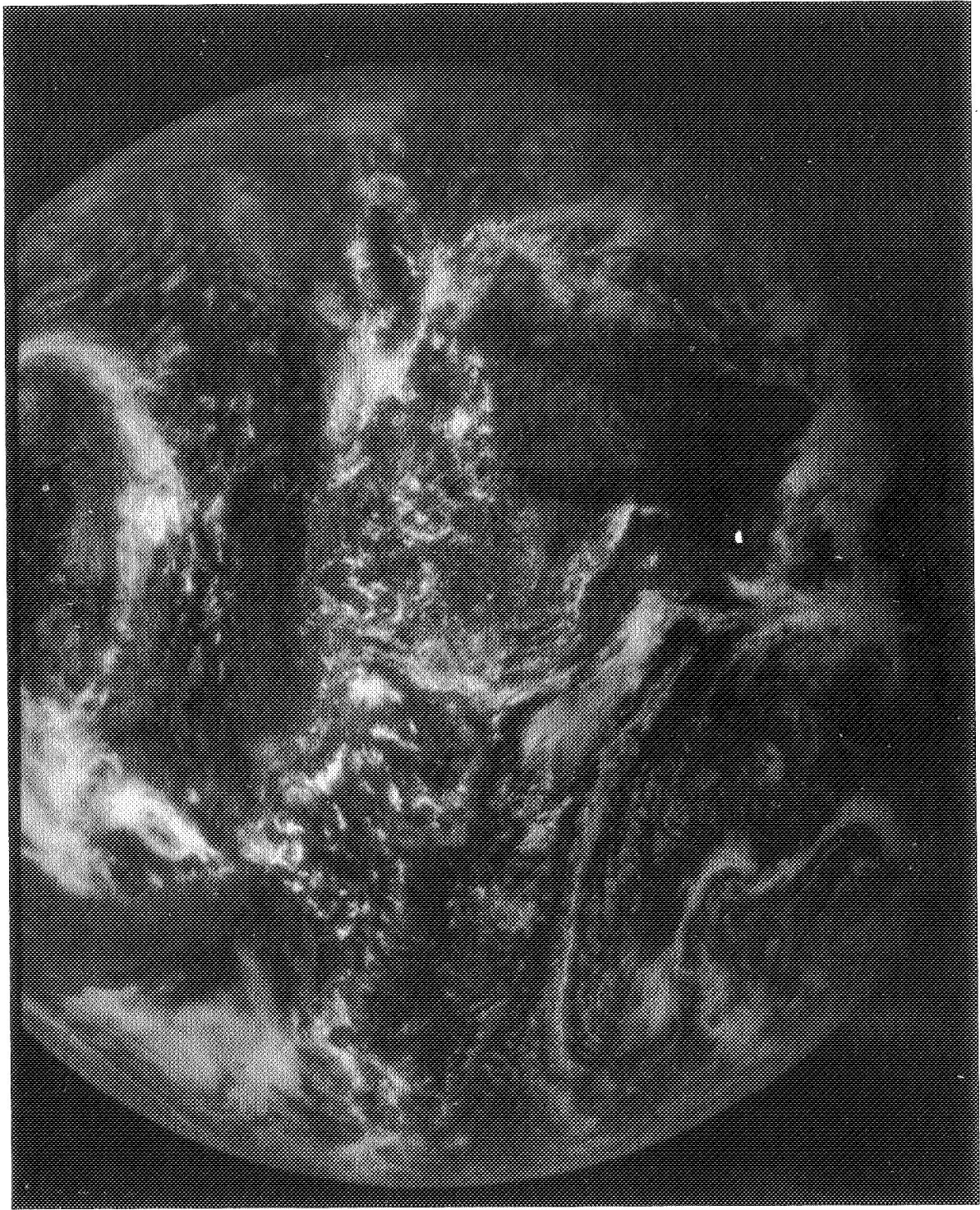
## IDCS

17 May 69

SSP 73.32 W 0.17 N

Seq	Start Time	Remarks
1	17 01 15	Half Scan Phasing Error Offset to Left
2	17 17 35	Electronic Interference Picture Fair
3	17 32 32	





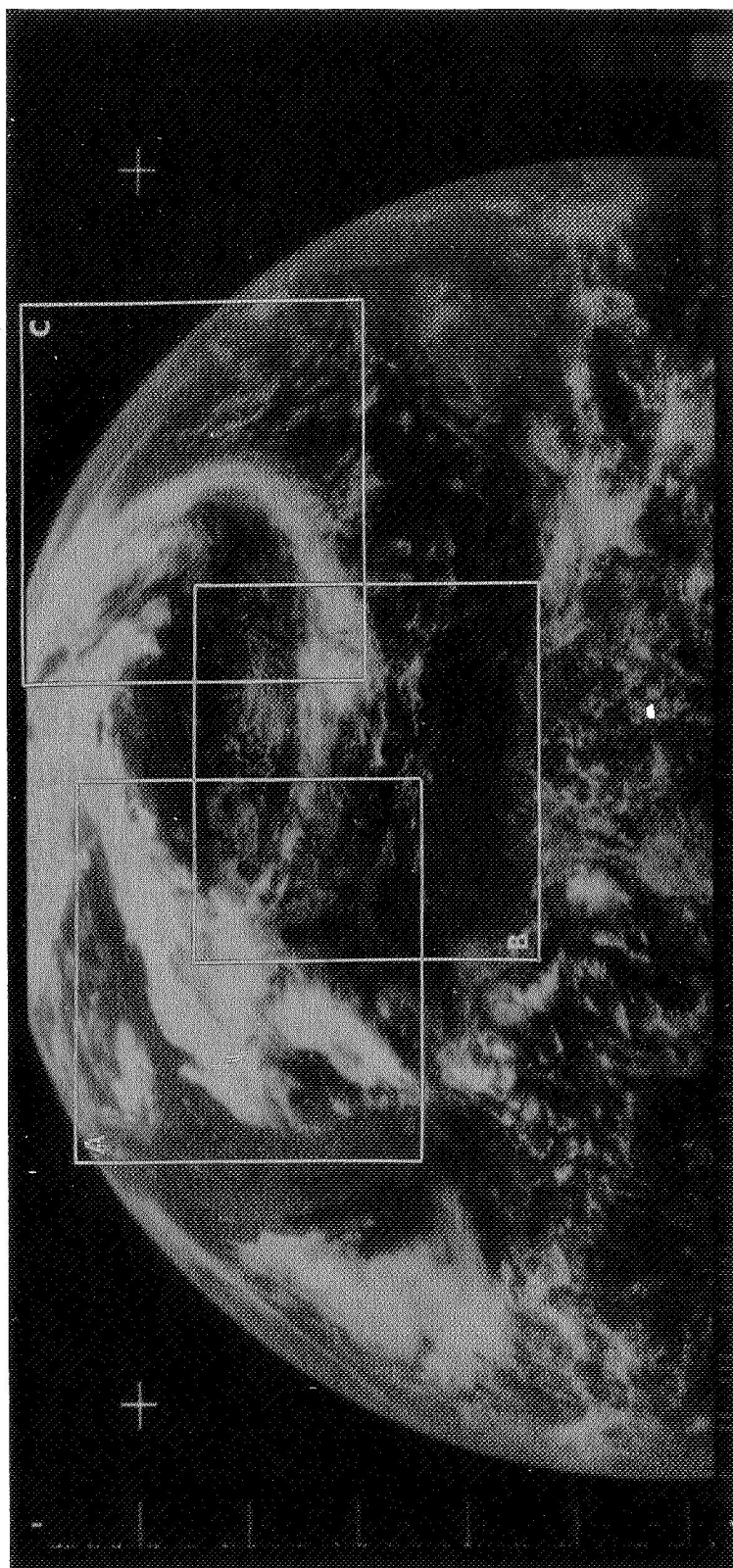
ATS-III IDCS 17 MAY 69 17 32 32 Z 3

# MSSCC

17 May 69

SSP 73.32 W 0.17 N

Seq	End Time	Remarks
1	09 28 39	Half Scan Some Minor Dropouts
2	09 41 21	Half Scan Some Minor Dropouts
3	09 53 57	Half Scan Some Minor Dropouts
4	10 06 31	Half Scan Some Minor Dropouts
5	10 19 07	Half Scan Some Minor Dropouts
6	10 31 45	Half Scan Some Minor Dropouts
7	10 45 49	Half Scan Few Minor Dropouts
8	10 59 10	Half Scan
9	11 11 46	Half Scan
10	11 24 23	Half Scan Few Minor Dropouts
11	11 37 05	Half Scan Few Minor Dropouts
12	11 49 33	Half Scan Few Minor Dropouts
13	12 02 10	Half Scan Few Minor Dropouts
14	12 14 46	Half Scan Few Minor Dropouts
15	12 27 22	Half Scan Few Minor Dropouts
16	12 39 59	Half Scan Few Minor Dropouts
17	12 52 35	Half Scan Few Minor Dropouts
18	13 05 12	Half Scan Few Minor Dropouts
19	13 17 48	Half Scan Phasing Errors Picture Poor
20	13 30 25	Half Scan Few Minor Dropouts
21	13 43 01	Half Scan Few Minor Dropouts
22	13 55 40	Half Scan Few Minor Dropouts
23	14 08 14	Half Scan Few Minor Dropouts
24	14 20 51	Half Scan Few Minor Dropouts
25	14 33 27	Half Scan Few Minor Dropouts
26	14 46 06	Half Scan Few Minor Dropouts
27	14 58 40	Half Scan Few Minor Dropouts
28	15 11 13	Half Scan Few Minor Dropouts
29	15 23 50	Half Scan Some Minor Dropouts
30	15 36 29	Half Scan Some Minor Dropouts
31	15 49 06	Half Scan Few Minor Dropouts
32	16 01 45	Half Scan Few Minor Dropouts
33	16 14 21	Half Scan Few Minor Dropouts
34	16 27 01	Half Scan
35	16 39 37	Half Scan Few Minor Dropouts
36	16 52 15	Half Scan Few Minor Dropouts
37	17 04 56	Half Scan Few Minor Dropouts
38	17 17 59	Half Scan Few Minor Dropouts
39	17 30 36	Half Scan Few Minor Dropouts
40	17 43 12	Half Scan Few Minor Dropouts
41	17 55 49	Half Scan Few Minor Dropouts
42	18 08 28	Half Scan Few Minor Dropouts
43	18 21 05	Half Scan Few Minor Dropouts
44	18 33 44	Half Scan Few Minor Dropouts
45	18 46 17	Half Scan Few Minor Dropouts
46	18 58 57	Half Scan Few Minor Dropouts
47	19 11 34	Half Scan Few Minor Dropouts
48	19 24 13	Half Scan Few Minor Dropouts
49	19 36 46	Half Scan Few Minor Dropouts
50	19 49 23	Half Scan
51	20 01 59	Half Scan
52	20 14 45	Half Scan
53	20 27 24	Half Scan
54	20 40 01	Half Scan
55	20 52 37	Half Scan
56	21 05 17	Half Scan
57	21 18 02	Half Scan
58	21 31 40	Half Scan
59	21 44 32	Half Scan
60	21 57 09	Half Scan Some Minor Dropouts
61	22 09 45	Half Scan Some Minor Dropouts
62	22 22 22	Half Scan Few Minor Dropouts
63	22 34 58	Half Scan
64	22 47 34	Half Scan Picture Fuzzy
65	23 00 10	Half Scan Picture Fuzzy



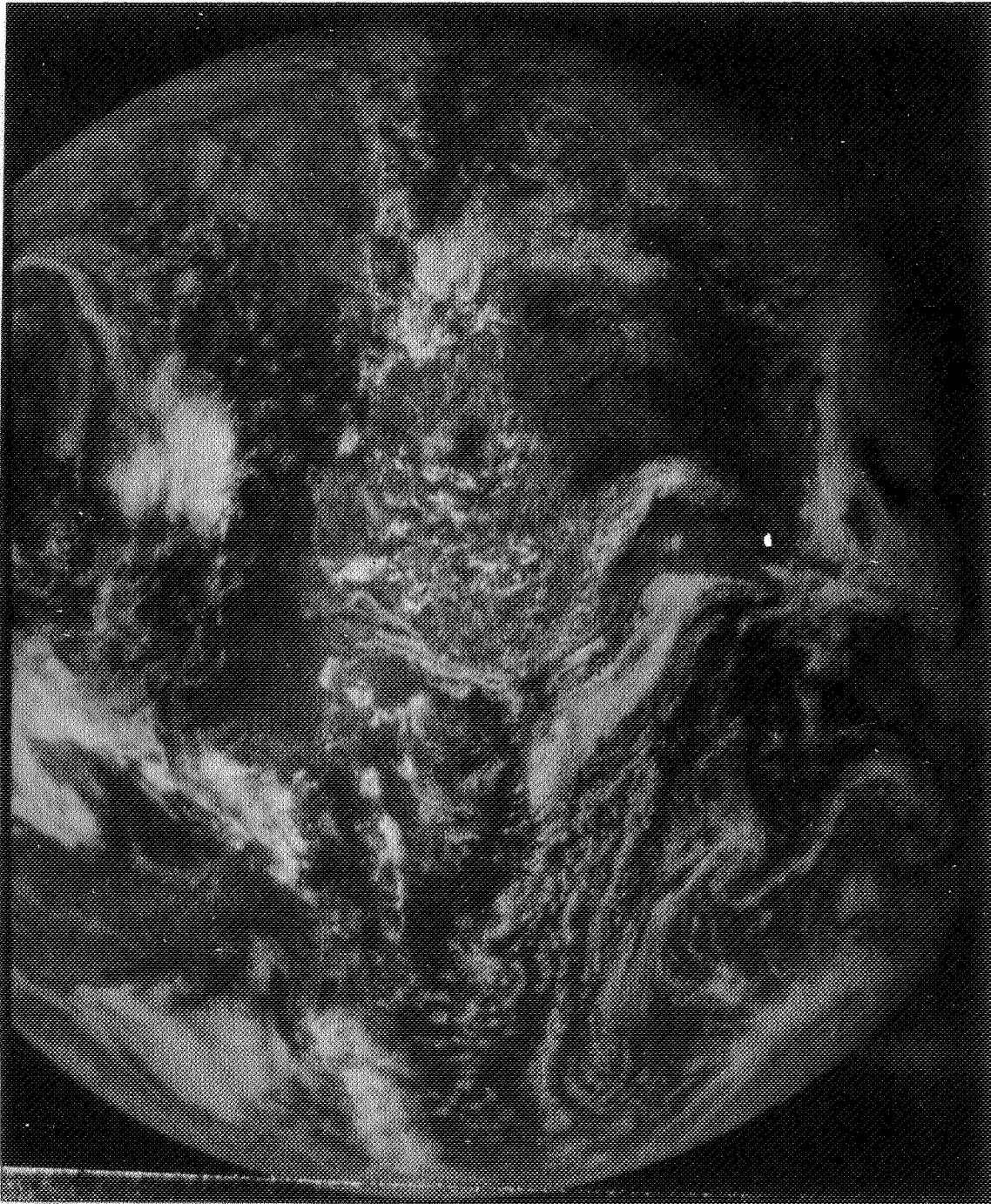
ATS-III MSSCC 17 MAY 69 17 04 56 Z 37

## IDCS

18 May 69

SSP 73.30 W 0.17 N

Seq	Start Time	Remarks
1	17 32 10	Offset to Left



ATS-III IDCS 18 MAY 69 17 32 10 Z 1

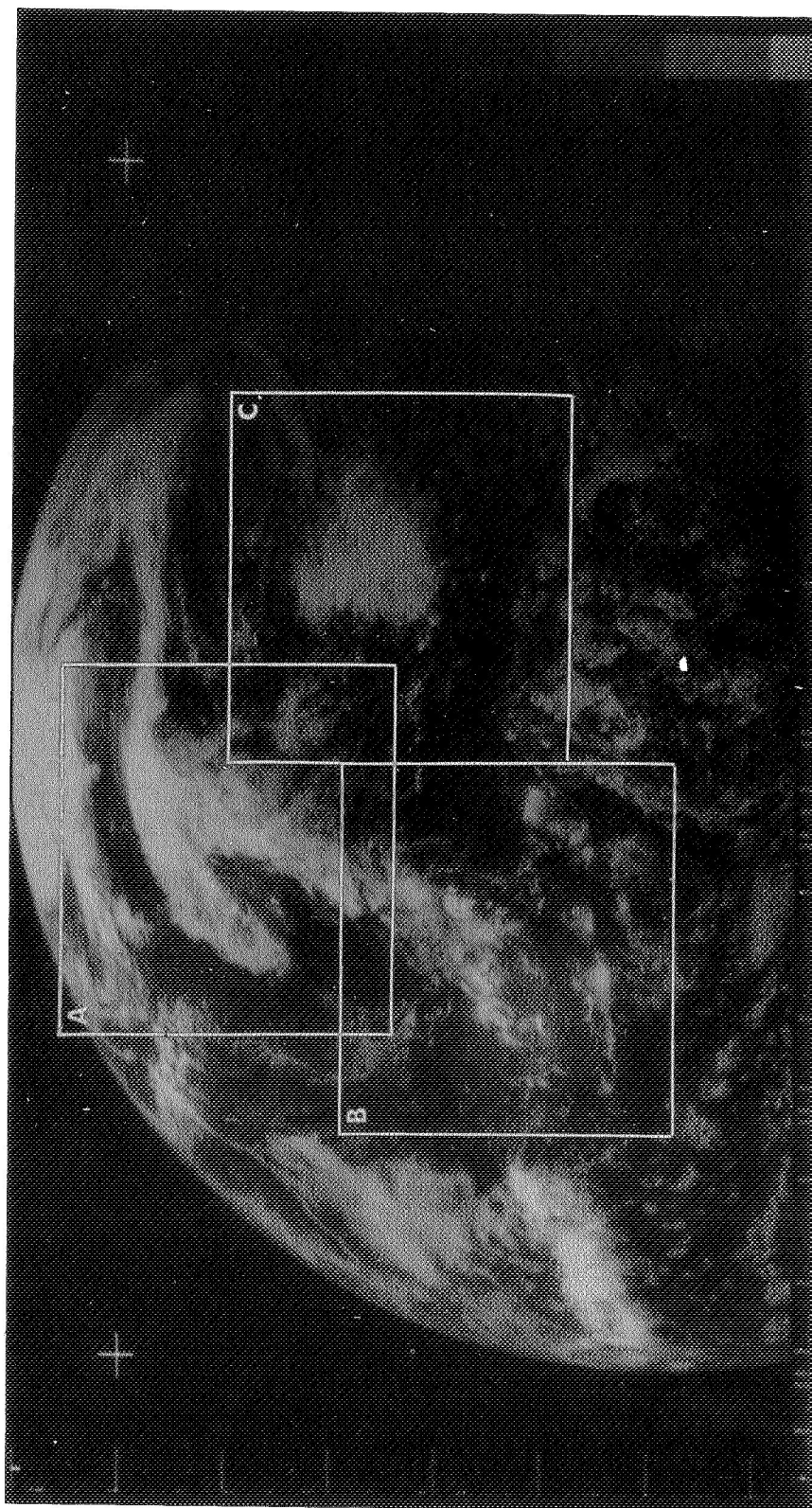
## MSSCC

18 May 69

SSP 73.30 W 0.17 N

Seq	End Time	Remarks
1	09 31 33	Half Scan Few Minor Dropouts
2	09 44 12	Half Scan Few Minor Dropouts
3	09 56 46	Half Scan Picture Poor Due To Spots
4	10 09 22	Half Scan Contrast Level Changed At Line 400
5	10 21 59	Half Scan Some Minor Dropouts
6	10 59 51	Half Scan Some Minor Dropouts
7	11 12 28	Half Scan Some Minor Dropouts
8	11 25 04	Half Scan Some Minor Dropouts
9	11 37 42	Half Scan Few Minor Dropouts
10	12 58 51	Half Scan Few Minor Dropouts
11	20 23 42	Half Scan Few Minor Dropouts
12	20 38 25	Half Scan Few Minor Dropouts
13	20 53 10	Half Scan Few Minor Dropouts
14	22 03 10	Half Scan Few Minor Dropouts
15	22 18 00	Half Scan Picture Fuzzy
16	22 32 44	Half Scan Picture Fuzzy
17	22 47 40	Half Scan Picture Fuzzy





ATS-III MSSCC 18 MAY 69 20 23 42 Z 11

## IDCS

19 May 69

SSP 73.28 W 0.17 N

Seq	Start Time	Remarks
1	17 07 10	Western Edge Near Equator Flattened



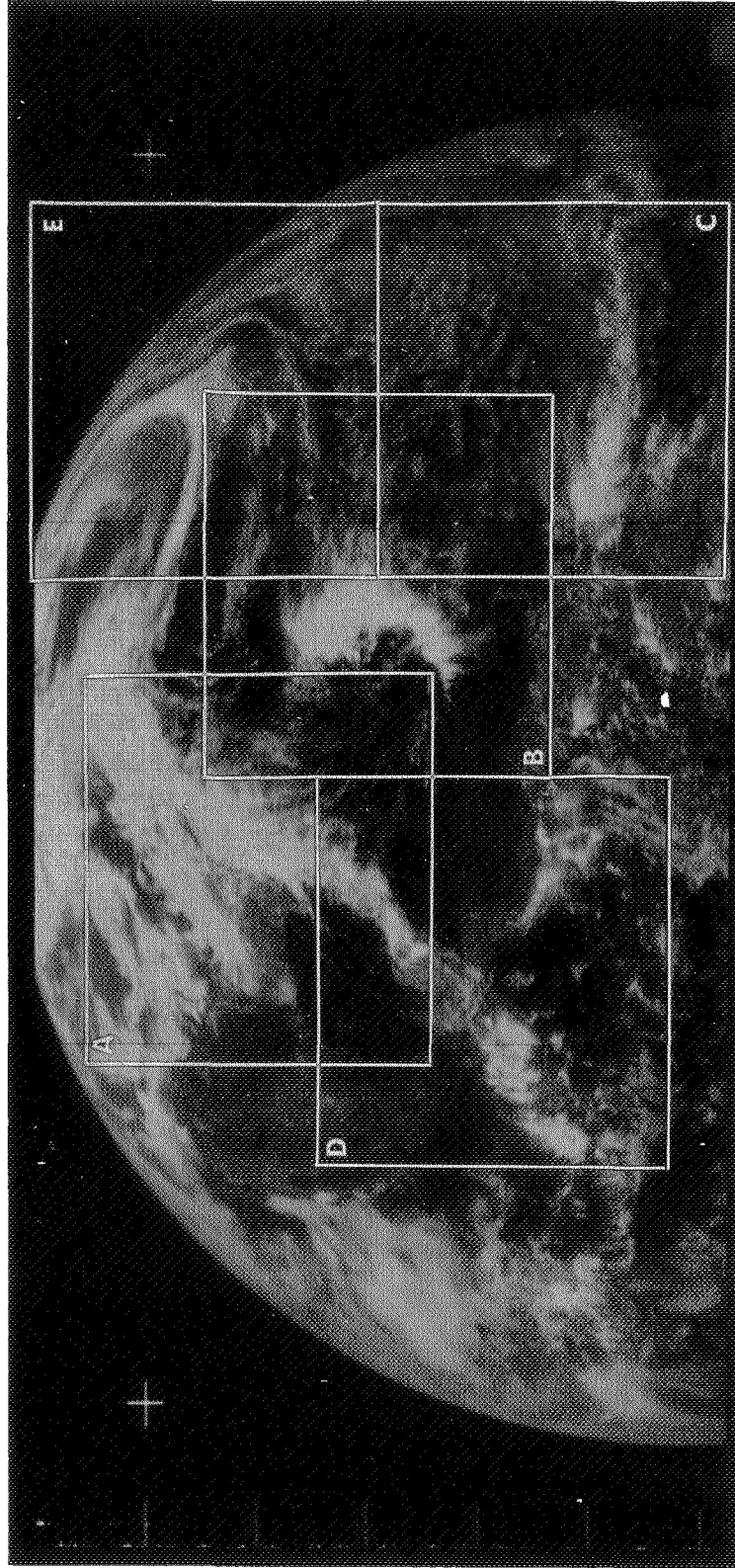
ATS-III IDCS 19 MAY 69 17 07 10 Z 1

# MSSCC

19 May 69

SSP 73.28W 0.17 N

Seq	End Time	Remarks
1	11 05 24	Half Scan Few Minor Dropouts
2	11 18 09	Half Scan Few Minor Dropouts
3	11 30 45	Half Scan
4	12 22 25	No Data
5	13 00 33	Half Scan Few Minor Dropouts
6	15 12 42	Half Scan Few Minor Dropouts
7	15 25 16	Half Scan Few Minor Dropouts
8	15 37 52	Half Scan Few Minor Dropouts
9	15 52 24	Half Scan Few Minor Dropouts
10	17 04 41	Half Scan Few Minor Dropouts
11	17 17 18	Half Scan Few Minor Dropouts
12	17 29 54	Half Scan Few Minor Dropouts
13	17 42 31	Half Scan Few Minor Dropouts
14	17 55 07	Half Scan Few Minor Dropouts
15	20 27 24	Half Scan Some Dropouts Sun Glint
16	20 40 01	Half Scan Few Minor Dropouts Sun Glint
17	20 52 37	Half Scan Few Minor Dropouts Sun Glint
18	21 07 09	Half Scan Electronic Interference Picture Poor
19	22 05 09	Half Scan Some Minor Dropouts
20	22 18 27	Half Scan Many Dropouts Picture Poor
21	22 31 09	Half Scan Many Dropouts Picture Fair
22	22 43 42	Half Scan Some Minor Dropouts
23	22 56 22	Half Scan Some Minor Dropouts



ATS-III MSSC 19 MAY 69 17 04 41 Z 10

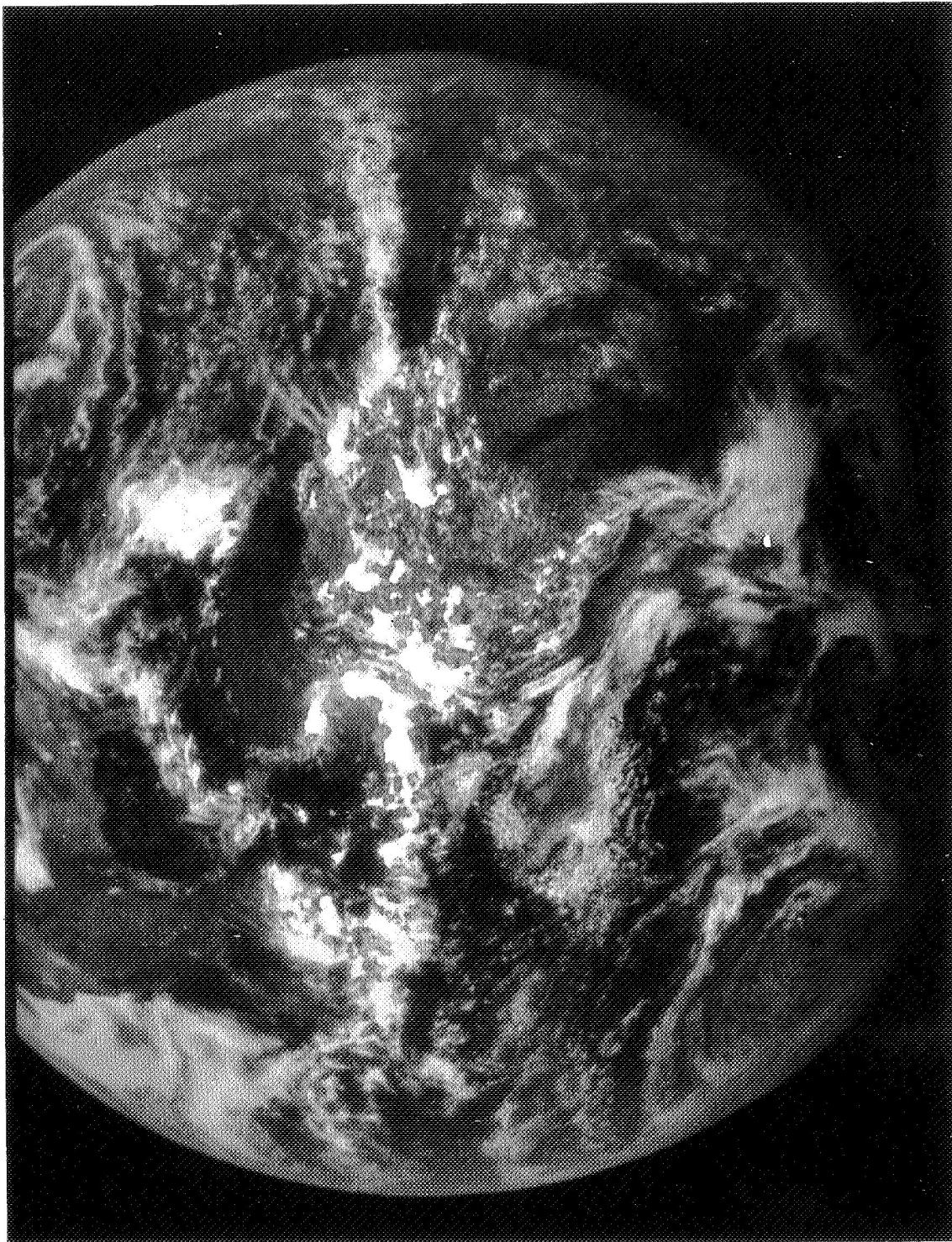
## IDCS

20 May 69

SSP 73.27 W 0.16 N

Seq	Start Time	Remarks
1	17 21 40	





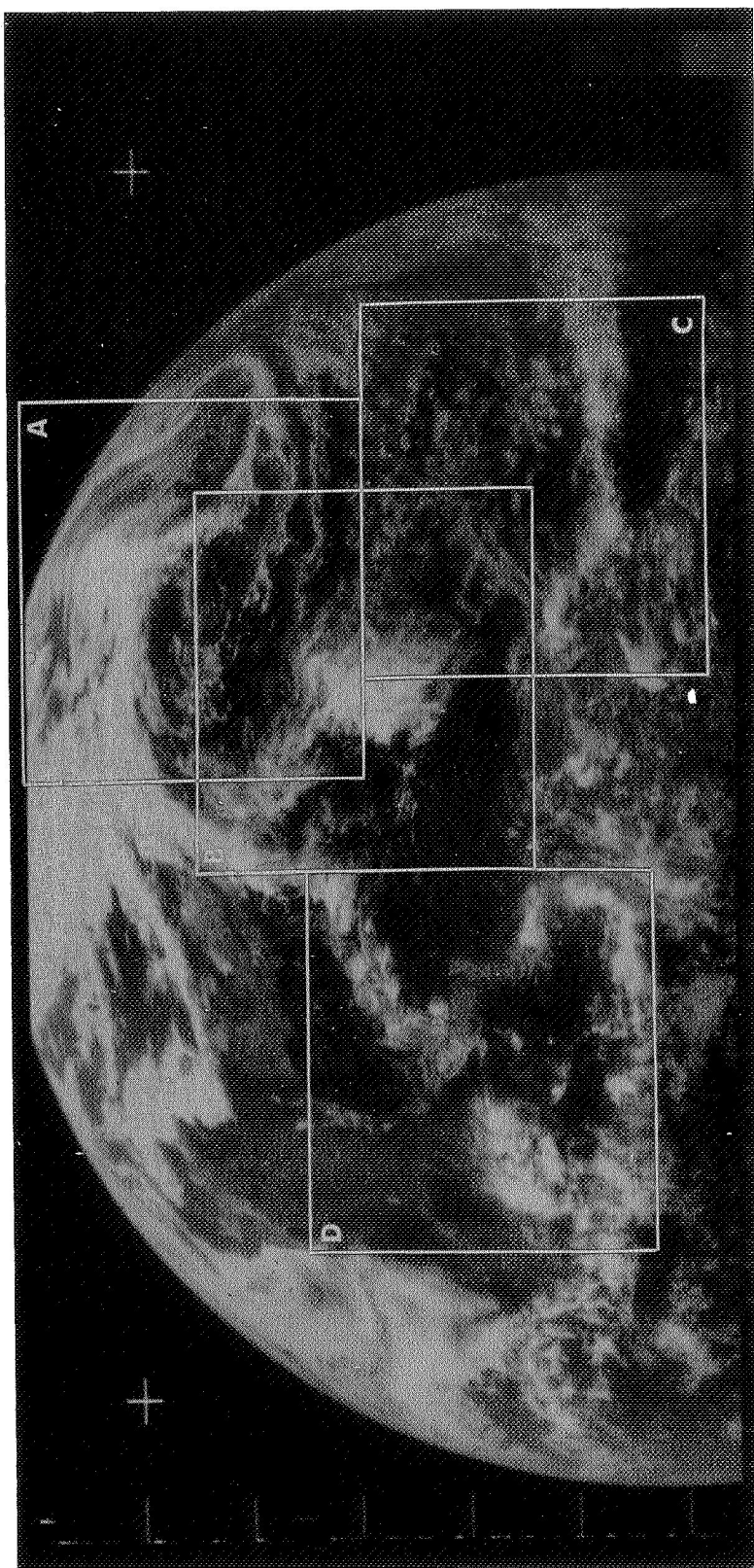
ATS-III IDCS 20 MAY 69 17 21 40 Z 1

## MSSCC

20 May 69

SSP 73.27 W 0.16 N

Seq	End	Time	Remarks
1	15	13 28	Half Scan
2	15	26 00	Half Scan
3	15	39 35	Half Scan
4	15	52 25	Half Scan Few Minor Dropouts
5	16	06 44	Half Scan Few Minor Dropouts
6	17	06 54	Half Scan
7	17	20 24	Half Scan
8	17	33 17	Half Scan
9	17	46 03	Half Scan
10	17	58 43	Half Scan
11	20	10 04	Two Fifth Scan
12	20	26 45	Half Scan
13	20	39 22	Half Scan
14	20	52 31	Half Scan
15	21	04 44	Half Scan
16	22	03 31	Half Scan Some Minor Dropouts
17	22	16 08	Half Scan Some Minor Dropouts
18	22	28 47	Half Scan Some Minor Dropouts
19	22	41 23	Half Scan Some Minor Dropouts
20	22	54 00	Half Scan Some Minor Dropouts



ATS-III MSSCC 20 MAY 69 17 06 54 Z 6

## IDCS

21 May 69

SSP 73.25 W 0.16 N

Seq	Start Time	Remarks
1	17 02 20	Few Lines Dropped out Near Top of Picture
2	17 17 27	



ATS-III IDCS 21 MAY 69 17 17 27 Z 2

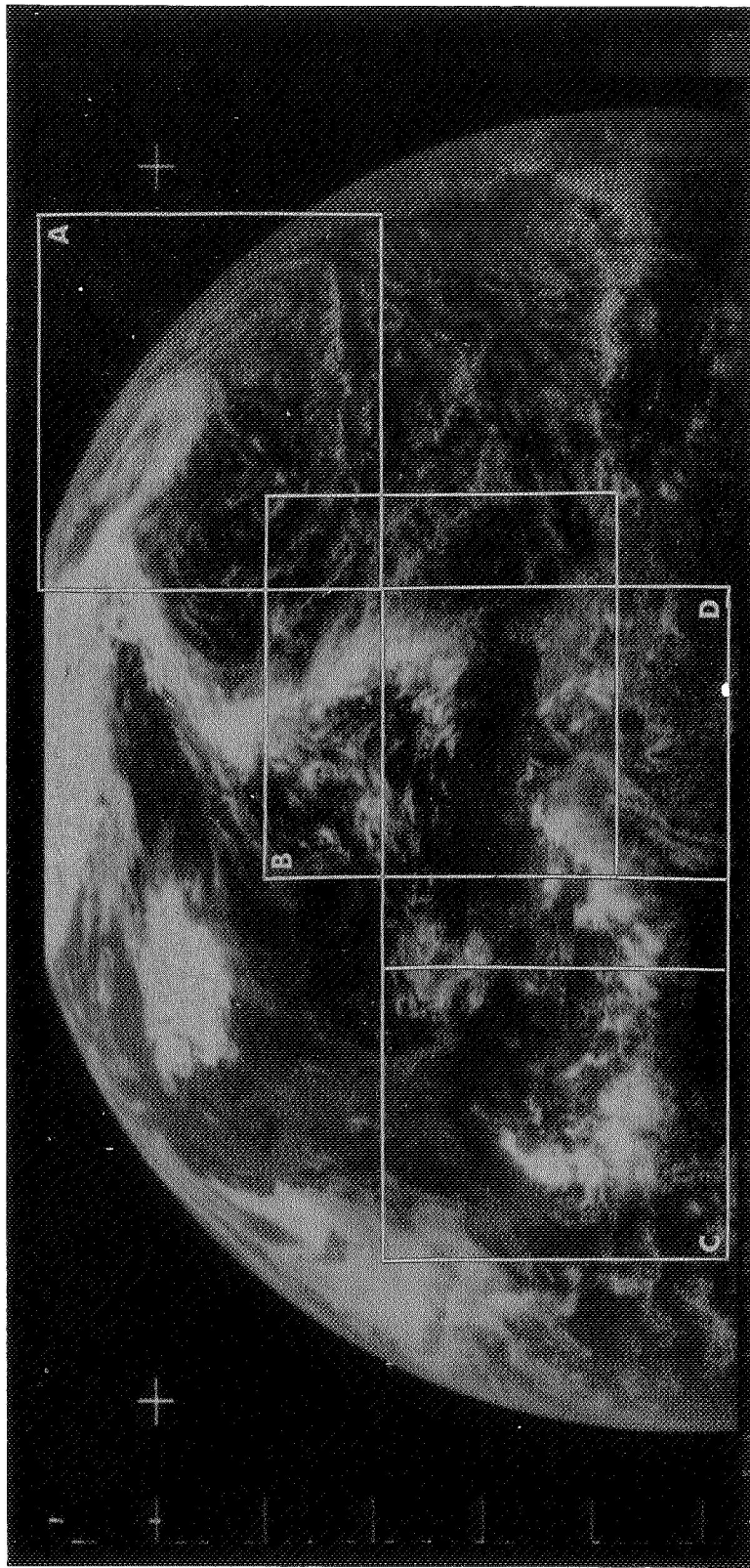
# MSSCC

21 May 69

SSP 73.25 W 0.16 N

Seq	End	Time	Remarks
1	09	27 57	Half Scan
2	09	40 30	Half Scan Few Minor Dropouts
3	09	53 07	Half Scan
4	10	05 43	Half Scan Few Minor Dropouts
5	10	18 19	Half Scan Level Change At Line 150
6	10	57 14	Half Scan Some Minor Dropouts
7	11	09 59	Half Scan Some Minor Dropouts
8	11	22 36	Half Scan Some Minor Dropouts
9	11	35 09	Half Scan Some Minor Dropouts
10	11	47 46	Half Scan Some Minor Dropouts
11	12	00 22	Half Scan
12	12	13 02	Half Scan
13	12	59 57	Half Scan
14	15	12 03	Half Scan Some Minor Dropouts
15	15	24 49	Half Scan Some Minor Dropouts
16	15	37 28	Half Scan Some Minor Dropouts
17	15	51 58	Half Scan
18	16	05 01	Half Scan Some Minor Dropouts
19	16	52 23	Half Scan
20	17	04 56	Half Scan Some Minor Dropouts
21	17	17 41	Half Scan
22	17	30 18	Half Scan Some Minor Dropouts
23	17	42 54	Half Scan Some Minor Dropouts
24	17	52 04	Half Scan Time Code In Data
25	20	27 33	Half Scan Some Minor Dropouts
26	20	40 12	Half Scan
27	20	52 46	Half Scan
28	21	07 18	Half Scan
29	21	59 42	Half Scan Sun Glint
30	22	12 19	Half Scan Sun Glint
31	22	24 55	Half Scan Sun Glint
32	22	37 32	Half Scan Sun Glint
33	22	50 09	Half Scan Sun Glint





ATS-III MSSCC 21 MAY 69 17 17 41 Z 21

## IDCS

22 May 69

SSP 73.24W 0.15 N

Seq	Start Time	Remarks
1	17 03 15	
2	17 17 59	Offset To Left One Dropout



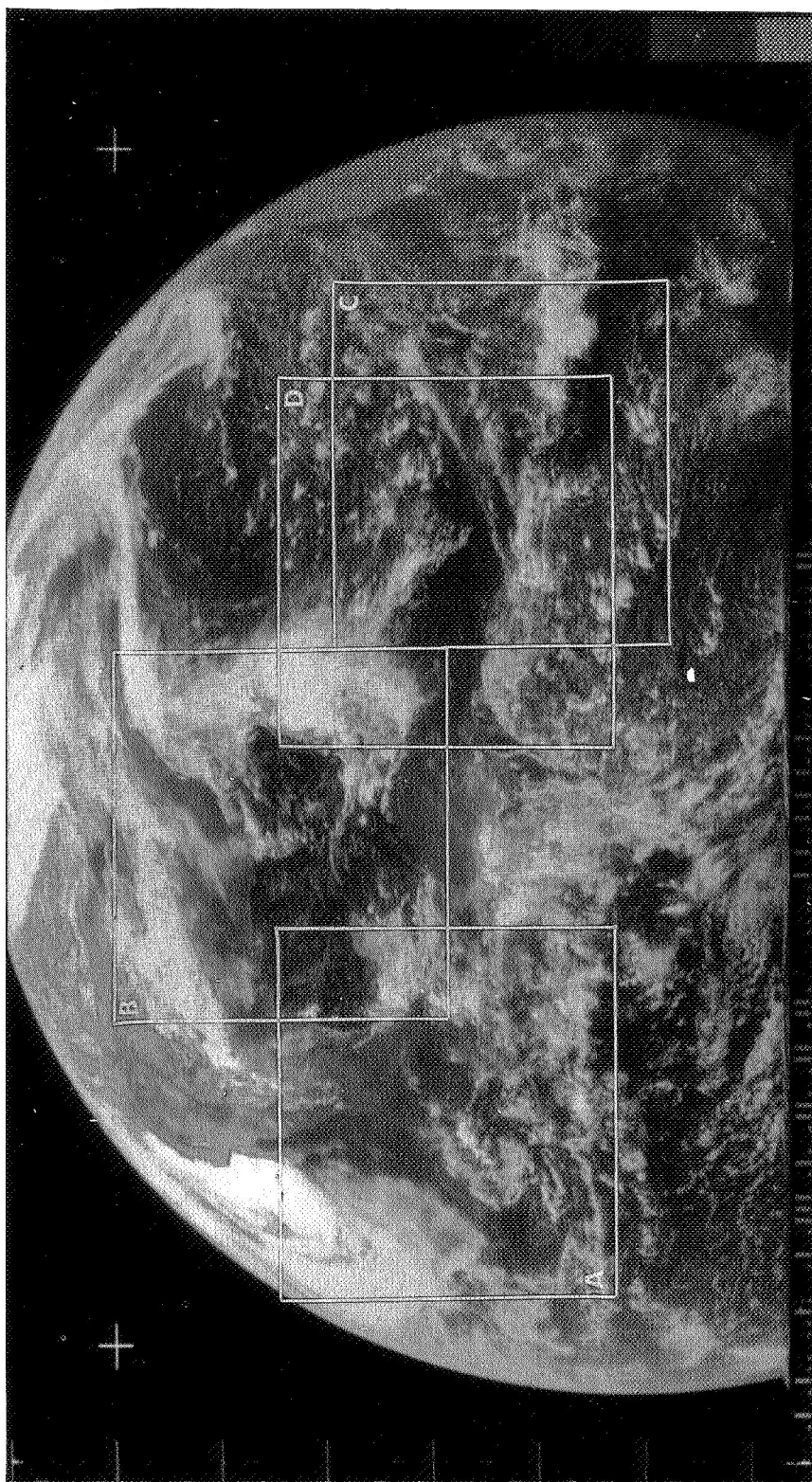
ATS-III IDCS 22 MAY 69 17 03 15 Z 1

# MSSCC

22 May 69

SSP 73.24 W 0.15 N

Seq	End Time	Remarks
1	09 24 29	Half Scan
2	09 37 05	Half Scan
3	09 51 37	Half Scan
4	10 04 22	Half Scan
5	10 16 56	Half Scan
6	11 00 03	Half Scan
7	11 12 39	Half Scan
8	11 25 22	Half Scan
9	11 37 59	Half Scan
10	13 03 39	Half Scan Dropout of 40 Lines Near 30° N
11	15 13 38	Half Scan
12	15 28 28	Half Scan
13	15 43 03	Half Scan
14	15 57 48	Half Scan
15	16 12 46	Half Scan
16	16 27 33	Half Scan
17	16 42 18	Half Scan
18	16 57 01	Half Scan
19	17 11 46	Half Scan
20	17 26 36	Half Scan
21	17 41 11	Half Scan
22	17 55 51	Half Scan
23	18 10 33	Half Scan
24	18 25 14	Half Scan
25	18 39 55	Half Scan
26	18 54 39	Half Scan
27	19 09 26	Half Scan
28	19 24 07	Half Scan
29	19 38 00	Half Scan
30	19 55 31	Half Scan
31	20 10 12	Half Scan
32	20 24 52	Half Scan Sun Glint
33	20 39 34	Half Scan Sun Glint
34	20 54 15	Half Scan Sun Glint
35	21 08 56	Half Scan Sun Glint
36	21 23 37	Half Scan Sun Glint
37	21 38 24	Half Scan Sun Glint
38	21 54 19	Half Scan Sun Glint
39	22 09 09	Half Scan Sun Glint
40	22 23 50	Half Scan Sun Glint
41	22 38 31	Half Scan Sun Glint
42	22 53 15	Half Scan Sun Glint



ATS-III MSSCC 22 MAY 69 17 26 36 Z 20

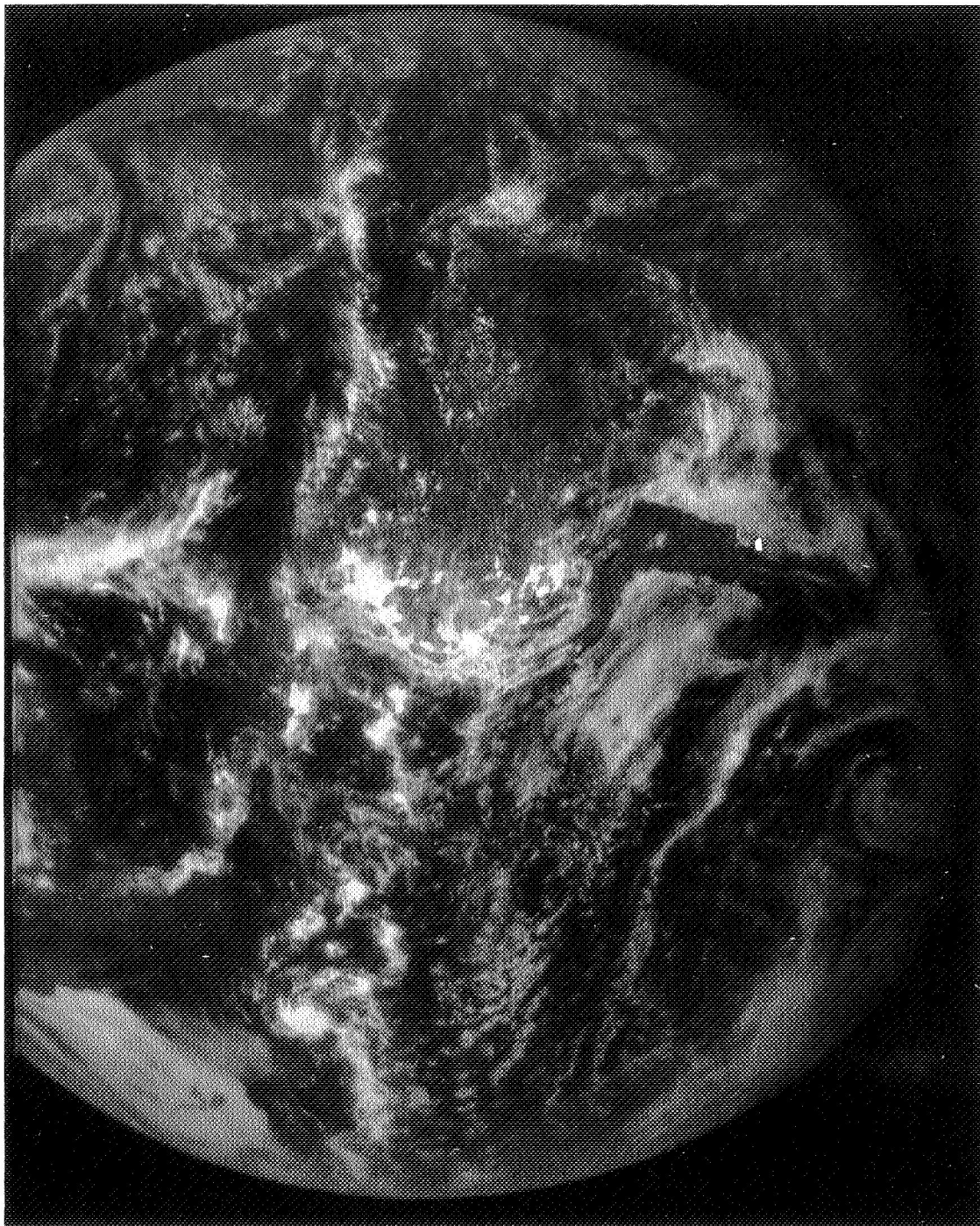
## IDCS

23 May 69

SSP 73.22 W 0.15 N

Seq	Start Time	Remarks
1	17 04 45	
2	17 19 33	





ATS-III IDCS 23 MAY 69 17 04 45 Z 1

# MSSCC

23 May 69

SSP 73.22 W 0.15 N

Seq	End Time	Remarks
1	09 23 03	Half Scan Level Change at Line 400
2	09 35 51	Half Scan
3	09 58 38	One Third Scan
4	10 00 00	No Data
5	10 12 56	Half Scan
6	11 02 43	Half Scan
7	11 15 23	Half Scan
8	11 28 02	Half Scan
9	11 40 38	Half Scan
10	13 08 27	Half Scan
11	15 11 07	Half Scan
12	15 23 44	Half Scan
13	15 36 26	Half Scan
14	15 50 58	Half Scan Dropout of 10 Lines Near 5° N
15	16 03 49	Half Scan
16	17 03 33	Half Scan
17	17 16 12	Half Scan
18	17 28 52	Half Scan
19	17 41 28	Half Scan
20	17 54 10	Half Scan
21	20 51 29	Half Scan Electronic Interference Picture Good
22	21 06 01	Half Scan Sun Glint
23	21 58 22	Half Scan Sun Glint
24	22 10 59	Half Scan Sun Glint
25	22 23 35	Half Scan Sun Glint
26	22 36 12	Half Scan Sun Glint
27	22 49 03	Half Scan Sun Glint



ATS-III MSSCC 23 MAY 69 17 03 33 Z 16

## MSSCC

28 May 69

SSP 73.19 W 0.14 N

Seq	End Time	Remarks
1	10 23 42	Half Scan Electronic Interference Picture Fair
2	10 38 12	Half Scan
3	10 51 03	Half Scan Some Minor Dropouts
4	11 04 09	Half Scan Some Minor Dropouts
5	11 17 06	Half Scan Some Minor Dropouts
6	11 29 58	Half Scan Some Minor Dropouts
7	11 42 34	Half Scan Some Minor Dropouts
8	11 55 11	Half Scan Some Minor Dropouts



ATS-II MSSCC 28 MAY 69 11 55 11 Z 8

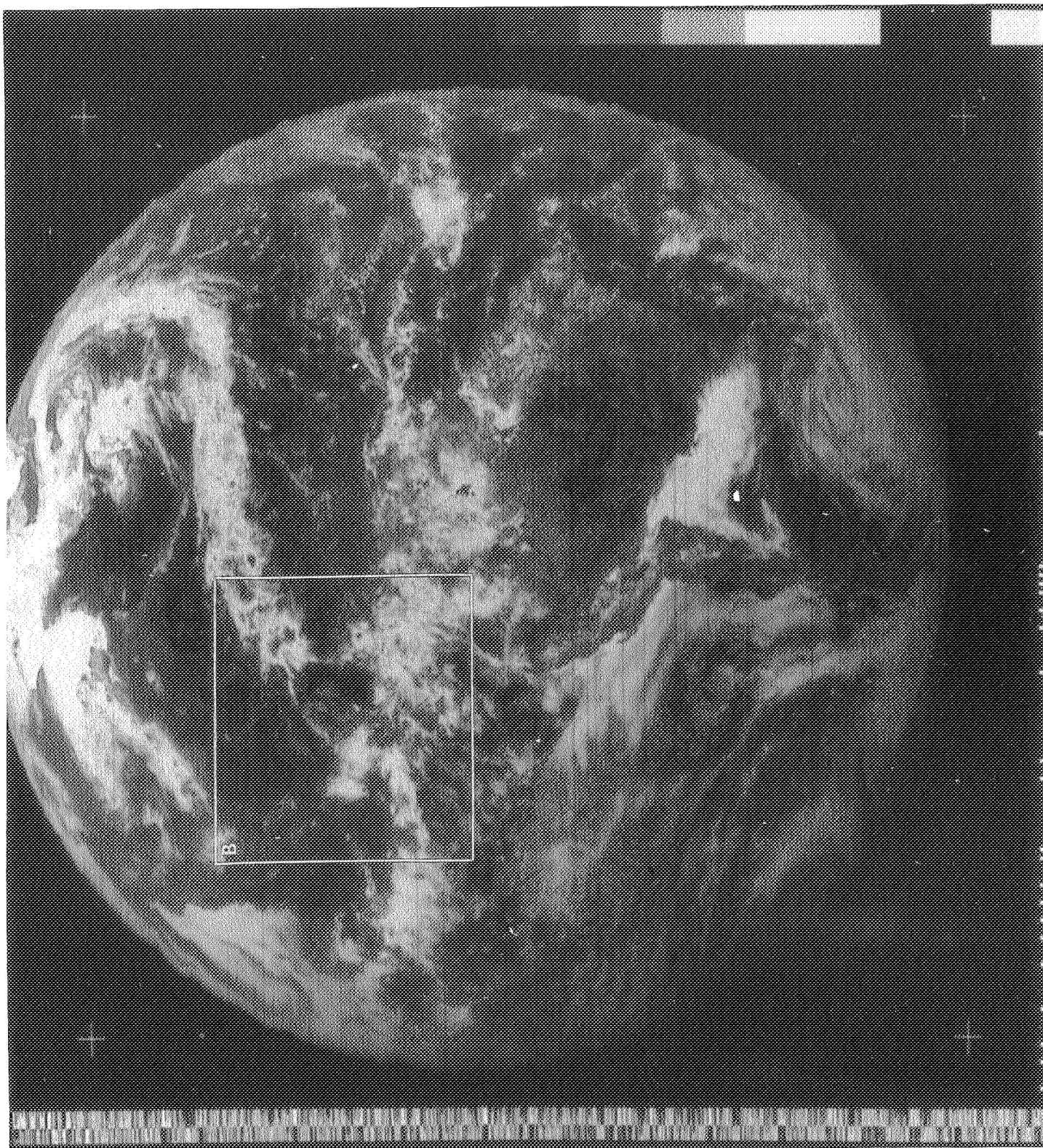
## MSSCC

1 June 69

SSP 70.68 W 0.08 S

Seq	End	Time	Remarks
1	11	39 42	No Data
2	13	48 43	Sync Problem
3	14	14 14	No Data
4	14	39 42	Sync Problem
5	15	01 24	No Data
6	15	56 05	Sync Problem
7	16	21 33	Sync Problem
8	17	37 56	Sync Problem
9	21	01 29	Sync Problem





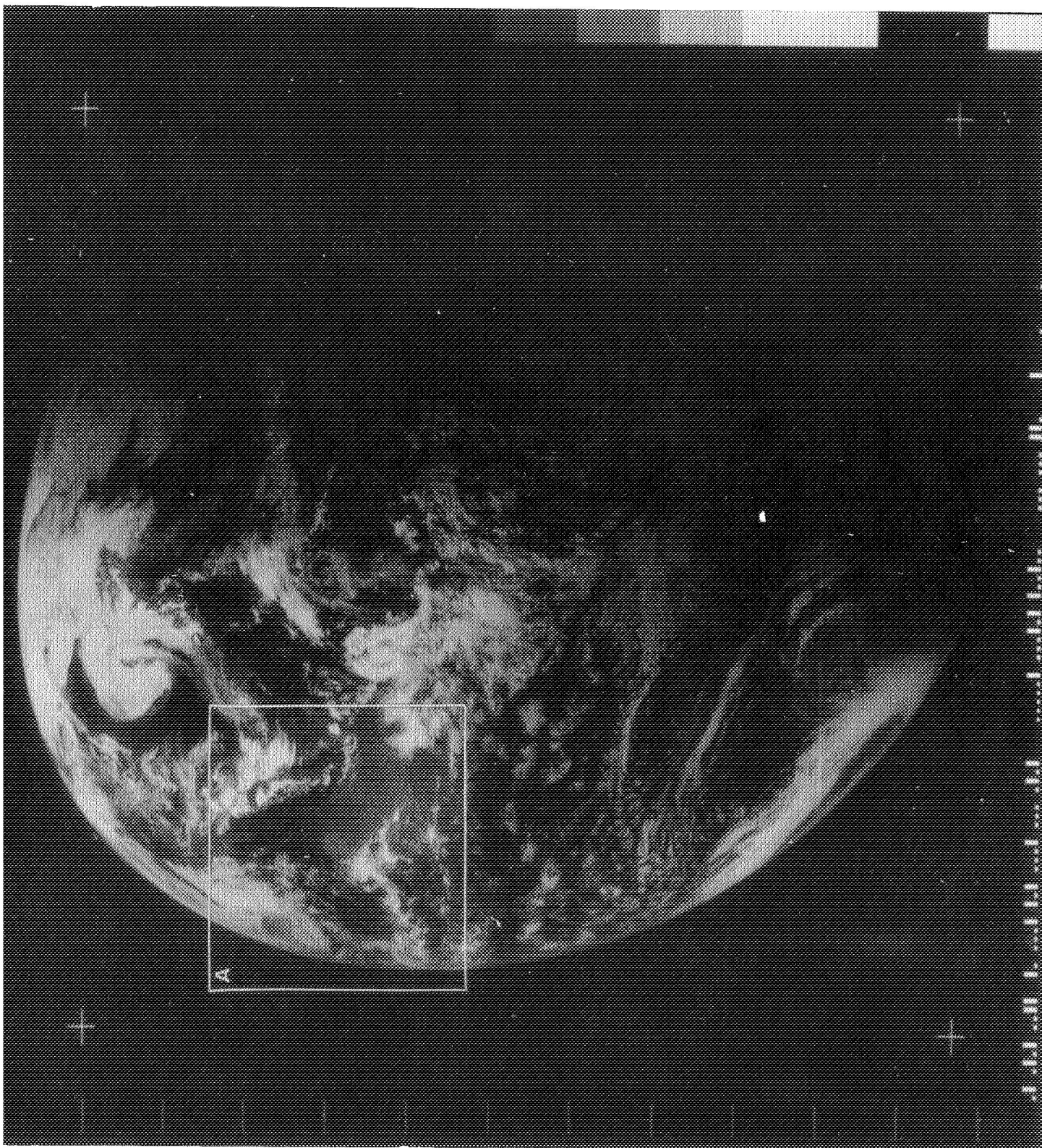
ATS-III MSSCC 1 JUN 69 15 56 05 Z 6

# MSSCC

2 June 69

SSP 69.86 W 0.09 S

Seq	End Time	Remarks
1	00 13 31	Poor Contrast
2	11 42 45	No Data
3	16 28 10	No Data
4	19 45 38	No Data
5	21 00 09	Picture Skewed to SE
6	21 51 05	Picture Skewed to SE



ATS-III MSSCC 2 JUN 69 21 51 05 Z 6

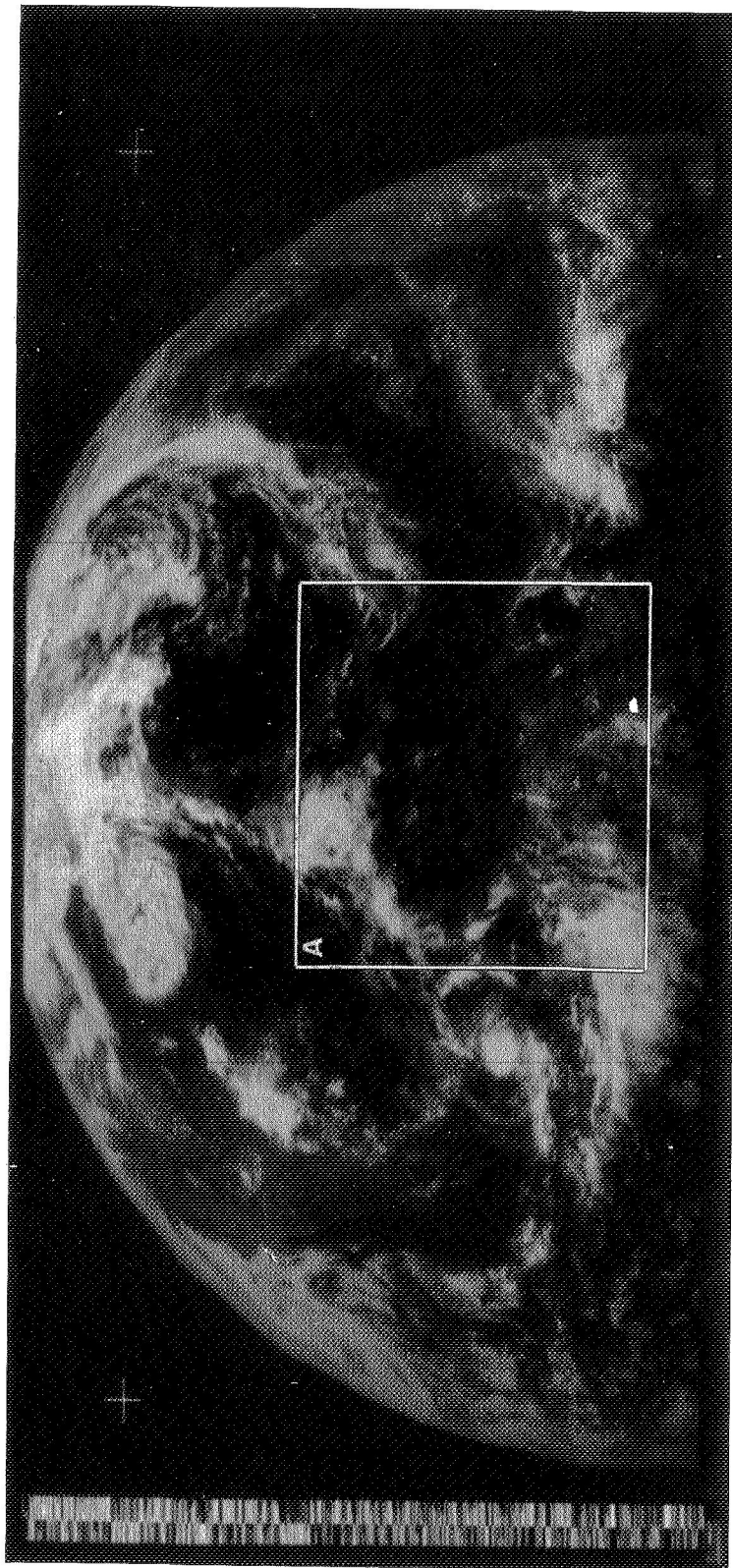
# MSSCC

3 June 69

SSP 69.06 W 0.10 S

Seq	End	Time	Remarks
1	10	11 22	Half Scan Sync Problem
2	11	12 38	Sync Problem
3	11	34 40	No Data
4	15	52 23	No Data
5	16	06 31	Half Scan Sync Problem
6	16	19 07	Half Scan Sync Problem
7	17	05 15	Half Scan Sync Problem
8	17	18 12	Half Scan Sync Problem
9	17	30 54	Half Scan Sync Problem
10	17	53 51	Half Scan Sync Problem
11	20	16 30	Half Scan Sync Problem Picture Fair
12	20	33 55	Half Scan Sync Problem Film Problem
13	20	52 11	Half Scan Sync Problem Picture Fair
14	21	16 22	Sync Problem Picture Fair
15	22	10 06	Half Scan Sync Problem
16	22	27 40	Half Scan Sync Problem
17	22	44 20	Half Scan Sync Problem
18	23	00 18	Half Scan Sync Problem Picture Poor





ATS-III MSSCC 3 JUN 69 16 19 07 Z 6

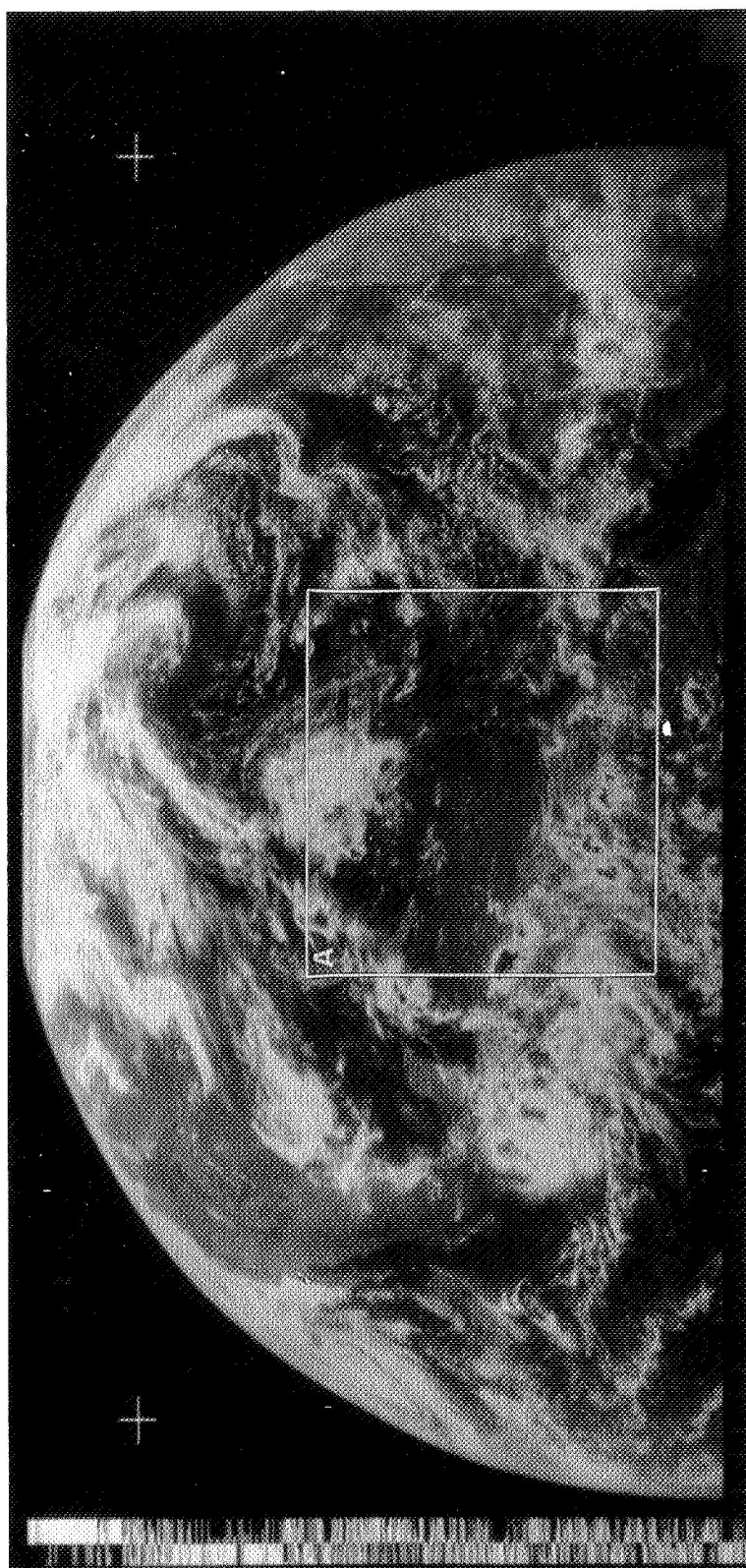
# MSSCC

4 June 69

SSP 68.25 W 0.11 S

Seq	End Time	Remarks
1	09 38 57	Half Scan Poor Contrast Sync Problem
2	10 00 40	Half Scan Poor Contrast Sync Problem
3	10 19 24	Half Scan Poor Contrast
4	10 55 00	Half Scan Poor Contrast
5	11 12 22	Half Scan Poor Contrast
6	11 31 15	Half Scan
7	11 47 32	Half Scan Poor Contrast
8	12 57 28	Half Scan
9	15 18 11	Half Scan Several Dropouts
10	15 37 06	Half Scan Few Dropouts
11	15 56 29	Half Scan
12	16 14 28	Half Scan
13	16 55 22	Half Scan
14	17 12 02	Half Scan
15	17 28 48	Half Scan
16	17 44 45	Half Scan Sync Problem
17	17 59 12	Half Scan
18	20 21 55	Half Scan
19	20 40 09	Half Scan
20	20 55 37	Half Scan Electronic Interference Picture Fair
21	21 10 48	Half Scan Electronic Interference Picture Fair
22	21 26 35	Half Scan Sun Glint
23	21 55 00	Half Scan Sun Glint
24	22 10 46	Half Scan Sun Glint
25	22 26 15	Half Scan Sun Glint
26	22 41 41	Half Scan Sun Glint





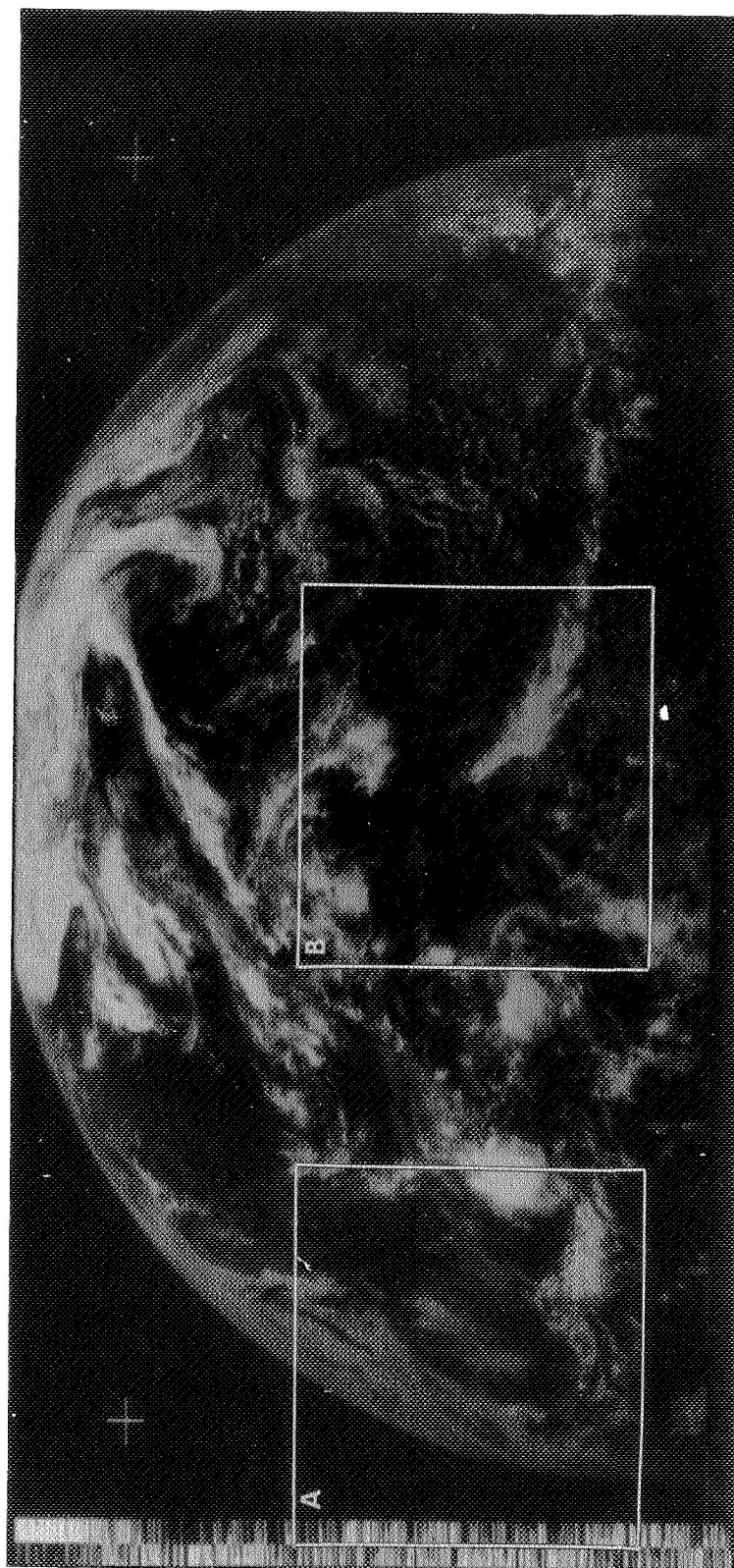
ATS-III MSSCC 4 JUN 69 17 12 02 Z 14

# MSSCC

5 June 69

SSP 67.44W 0.12 S

Seq	End Time	Remarks
1	09 47 39	Half Scan
2	10 07 05	Half Scan
3	10 23 00	Half Scan Sync Problem
4	10 59 20	Half Scan Sync Problem
5	11 15 29	Half Scan
6	11 33 07	Half Scan Sync Problem
7	12 55 43	Half Scan
8	15 16 40	Half Scan Sync Problem Picture Poor
9	15 33 57	Half Scan Electronic Interference Picture Good
10	15 49 52	Half Scan Electronic Interference Picture Good
11	16 07 01	Half Scan Electronic Interference Picture Good
12	16 22 50	Half Scan Electronic Interference Picture Good
13	17 02 36	Half Scan Electronic Interference Picture Good
14	17 18 00	Half Scan Electronic Interference Picture Good
15	17 33 35	Half Scan Electronic Interference Picture Good
16	17 49 09	Half Scan Electronic Interference Picture Good
17	20 23 43	Half Scan Electronic Interference Picture Good
18	20 39 21	Half Scan Poor Contrast
19	20 55 01	Half Scan Poor Contrast
20	21 10 30	Half Scan Poor Contrast
21	21 26 59	Half Scan Poor Contrast



ATS-III MSSCC 5 JUN 69 15 49 52 Z 10

MSSCC

6 Jun 69

SSP 66.64W 0.10 S

Seq	End Time	Remarks
1	16 14 58	Half Scan Poor Contrast
2	16 27 49	Half Scan Poor Contrast Electronic Interference
3	16 59 07	Half Scan
4	17 13 27	Half Scan
5	17 26 19	Half Scan Electronic Interference Picture Fair
6	17 39 19	Half Scan Electronic Interference Picture Fair
7	17 52 02	Half Scan Electronic Interference Picture Good
8	20 17 35	Half Scan Electronic Interference Picture Poor
9	20 30 12	Half Scan Electronic Interference Picture Poor
10	20 42 54	Half Scan Electronic Interference Picture Poor



ATS-III MSSCC 6 JUN 69 16 59 07 Z 3

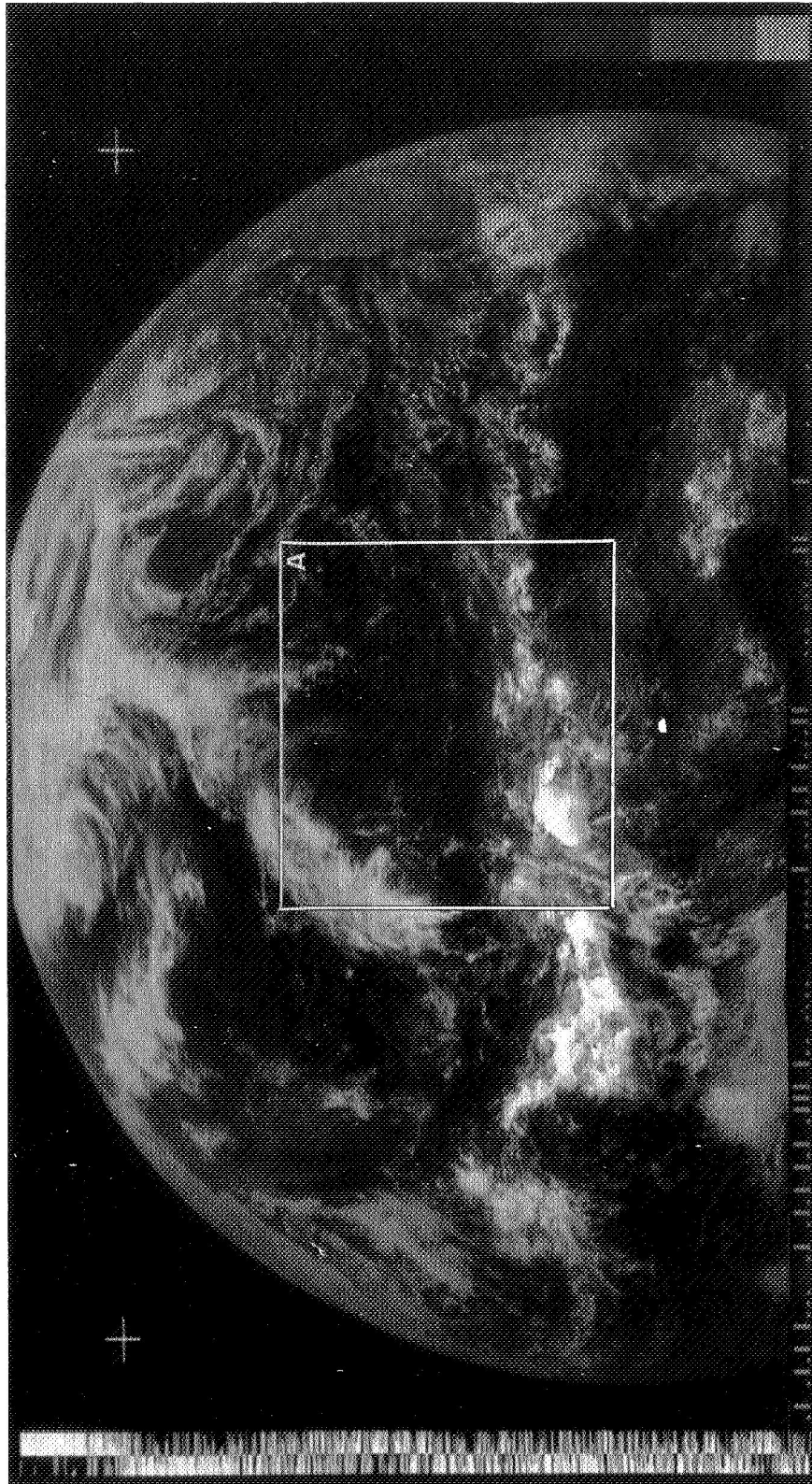
MSSCC

7 Jun 69

SSP 65.84 W 0.08 S

Seq	End Time			Remarks
1	10	12	34	Half Scan
2	11	41	54	Half Scan Electronic Interference Picture Fair
3	12	59	54	Half Scan Sync Problem
4	15	20	39	Half Scan Electronic Interference Picture Fair
5	15	42	13	Half Scan Electronic Interference Picture Fair
6	15	57	40	Half Scan Electronic Interference Picture Good
7	16	11	47	Half Scan Electronic Interference Picture Good
8	16	54	55	Half Scan Electronic Interference Picture Fair
9	17	07	45	Half Scan Electronic Interference Picture Fair
10	17	32	30	Half Scan Electronic Interference Picture Fair
11	17	53	10	Half Scan Electronic Interference Picture Fair
12	20	22	41	Half Scan Electronic Interference Picture Fair
13	20	36	37	Half Scan Electronic Interference Picture Fair
14	20	51	31	Half Scan Electronic Interference Picture Fair
15	21	03	58	Half Scan Electronic Interference Picture Fair
16	21	16	33	Half Scan Electronic Interference Picture Poor
17	21	53	09	Half Scan Electronic Interference Picture Poor
18	22	05	45	Half Scan Electronic Interference Picture Poor
19	22	18	34	Half Scan Electronic Interference Picture Poor
20	22	31	14	Half Scan Electronic Interference Picture Poor
21	22	43	54	Half Scan Electronic Interference Picture Poor
22	22	56	26	Half Scan Electronic Interference Picture Poor





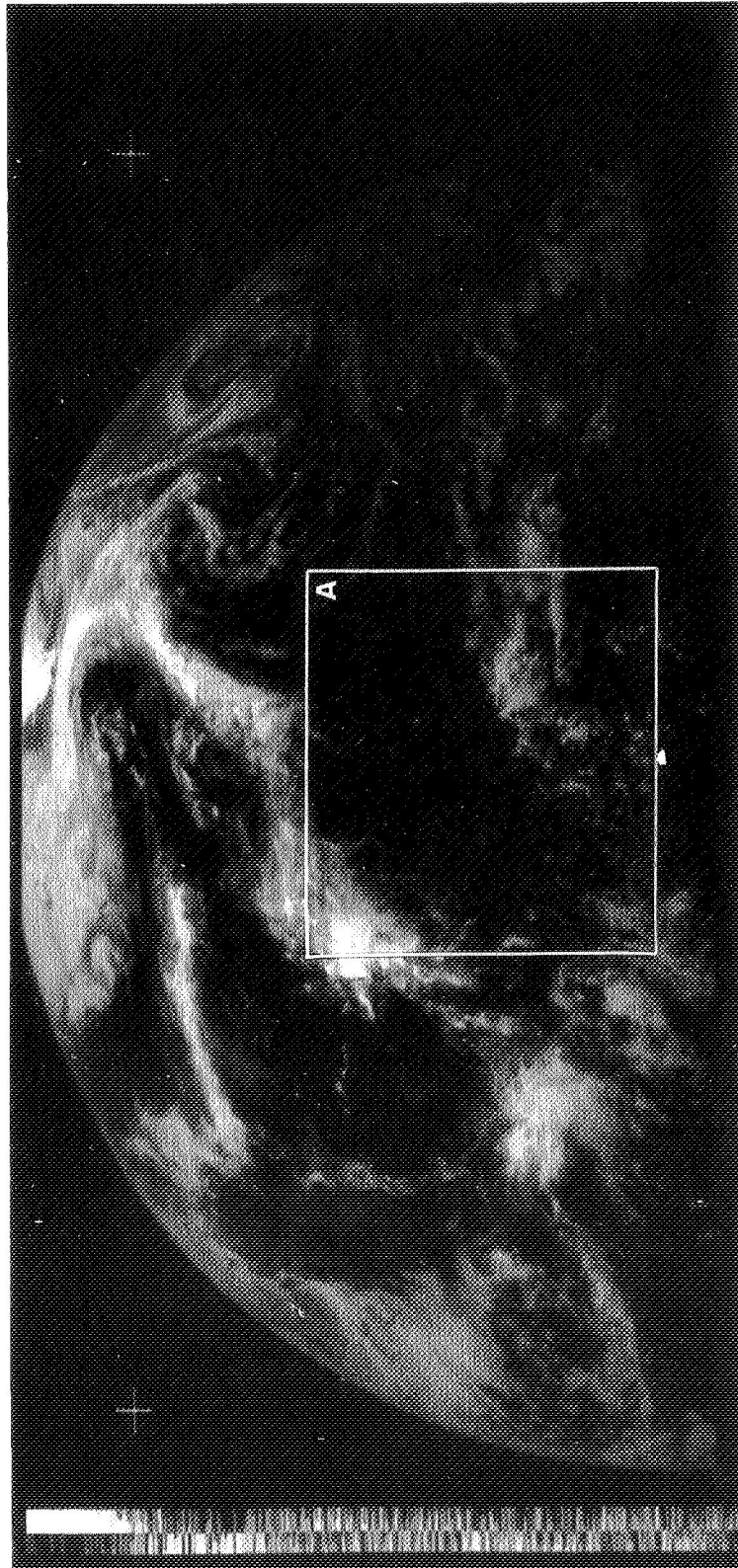
ATS-III MSSCC '7 JUN 69 15 57 40 Z 6

MSSCC

8 Jun 69

SSP 65.04 W 0.08 S

Seq	End	Time	Remarks
1	09	44 22	Half Scan Poor Contrast
2	09	57 11	Half Scan Poor Contrast
3	11	15 13	Half Scan Poor Contrast
4	11	27 55	Half Scan Electronic Interference Picture Fair
5	11	47 17	Half Scan Electronic Interference Picture Good
6	12	58 29	Half Scan Electronic Interference Picture Good
7	15	17 40	Half Scan Electronic Interference Picture Good
8	15	30 22	Half Scan Electronic Interference Picture Fair
9	15	43 38	Half Scan Electronic Interference Picture Fair
10	16	01 58	Half Scan Electronic Interference Picture Fair
11	16	14 50	Half Scan Electronic Interference Picture Fair
12	16	55 36	Half Scan Electronic Interference Picture Fair
13	17	08 17	Half Scan Electronic Interference Picture Fair
14	17	21 46	Half Scan Electronic Interference Picture Fair
15	17	34 26	Half Scan Electronic Interference Picture Fair
16	17	48 43	Half Scan Electronic Interference Picture Fair
17	20	37 53	Half Scan Electronic Interference Picture Fair
18	20	50 35	Half Scan Electronic Interference Picture Fair
19	21	03 24	Half Scan Electronic Interference Picture Fair
20	21	16 09	Half Scan Electronic Interference Picture Fair
21	21	53 05	Half Scan Electronic Interference Picture Fair
22	22	14 23	Half Scan Electronic Interference Picture Fair
23	22	27 03	Half Scan Electronic Interference Picture Fair
24	22	40 03	Half Scan Electronic Interference Picture Fair
25	22	52 48	Half Scan Electronic Interference Picture Fair



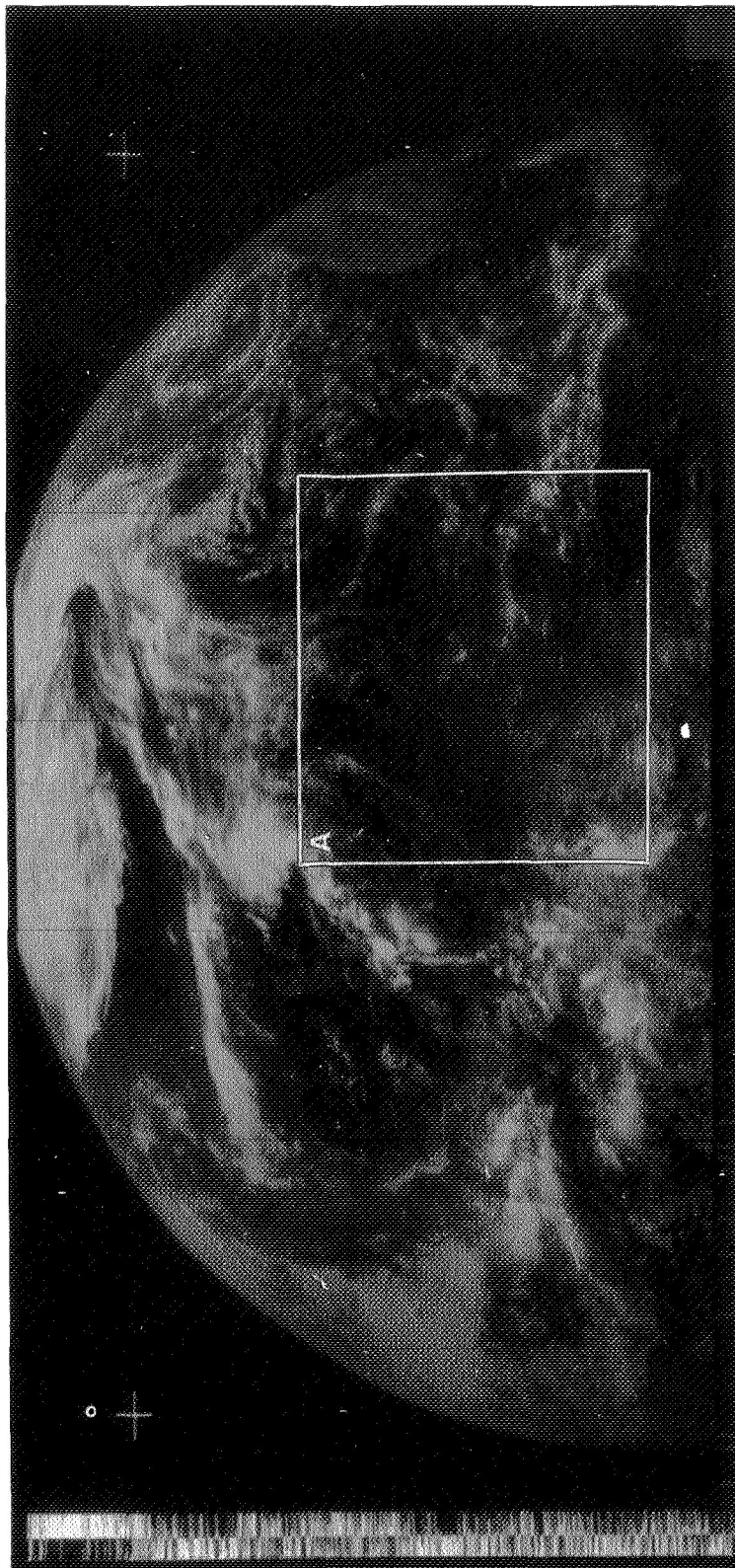
ATS-III MSSCC 8 JUN 69 16 55 36 Z 12

# MSSCC

9 Jun 69

SSP 64.24 W 0.09 S

Seq	End Time	Remarks
1	09 27 30	Half Scan Electronic Interference Picture Fair
2	09 40 21	Half Scan Electronic Interference Picture Fair
3	09 55 02	Half Scan Electronic Interference Picture Good
4	10 56 59	Half Scan Electronic Interference Picture Fair
5	11 11 16	Half Scan Electronic Interference Picture Poor
6	11 24 28	Half Scan Electronic Interference Picture Poor
7	11 39 06	Half Scan Electronic Interference Picture Poor
8	12 55 33	Half Scan Electronic Interference Picture Fair
9	15 02 31	Half Scan Electronic Interference Picture Fair
10	15 15 10	Half Scan Electronic Interference Picture Fair
11	15 27 49	Half Scan Electronic Interference Picture Fair
12	15 40 29	Half Scan Electronic Interference Picture Fair
13	15 55 04	Half Scan Electronic Interference Picture Poor
14	16 07 56	Half Scan Electronic Interference Picture Poor
15	16 55 20	Half Scan Electronic Interference Picture Fair
16	17 15 01	Half Scan Electronic Interference Picture Fair
17	17 27 41	Half Scan Electronic Interference Picture Fair
18	17 40 20	Half Scan Electronic Interference Picture Fair
19	17 55 22	Half Scan Electronic Interference Picture Fair
20	21 12 35	Half Scan Sync Problem Picture Poor
21	21 25 16	Half Scan Sync Problem Picture Poor
22	22 03 31	Half Scan Sync Problem Picture Poor
23	22 22 51	Half Scan Sync Problem Picture Poor
24	22 35 30	Half Scan Sync Problem Picture Poor
25	22 48 10	Half Scan Sync Problem Picture Poor
26	23 00 53	Half Scan Sync Problem Picture Poor



ATS-III MSSCC 9 JUN 69 15 27 49 Z 11

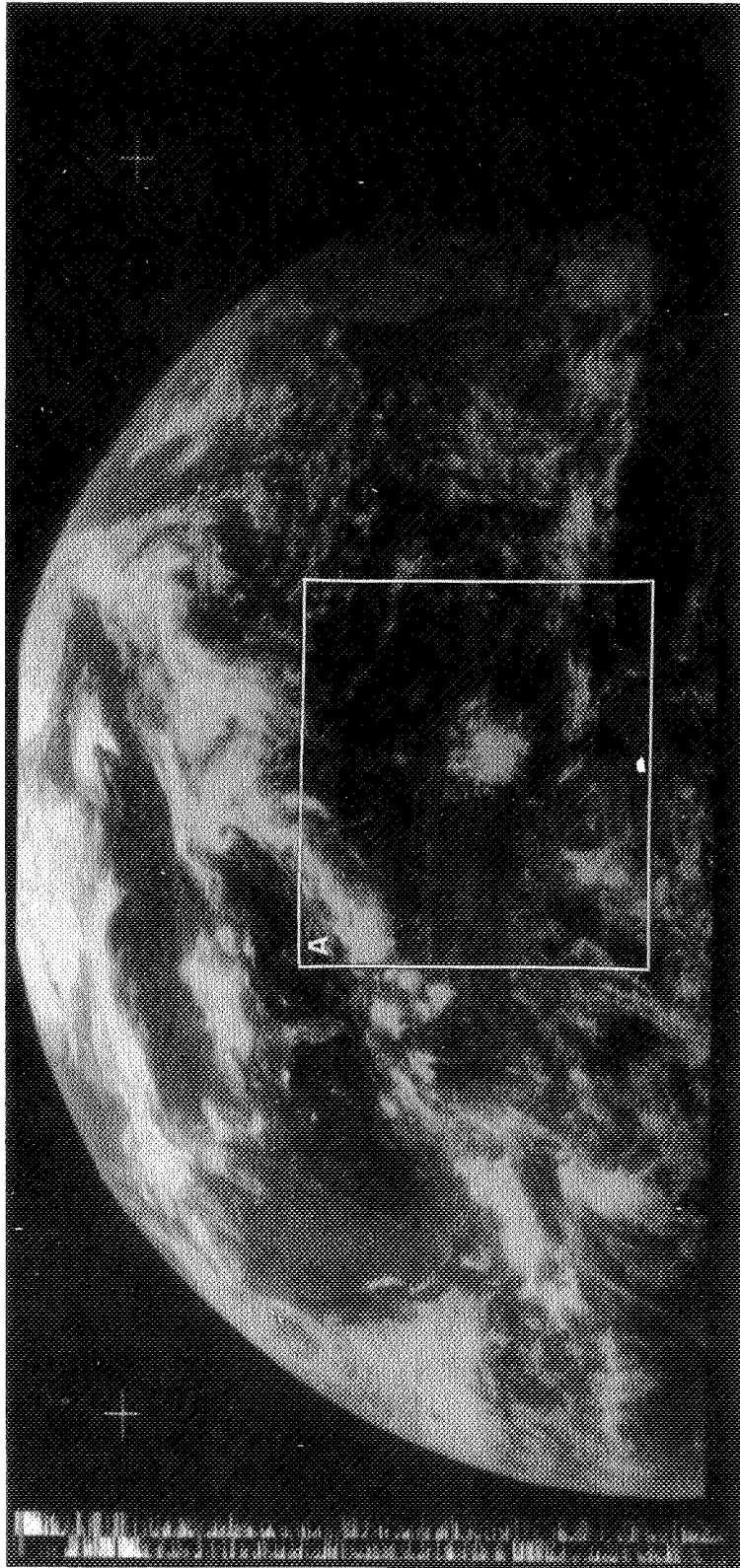
# MSSCC

10 Jun 69

SSP 63.44 W 0.10 S

Seq	End Time	Remarks
1	09 47 25	Half Scan Poor Contrast Electronic Interference
2	10 02 15	Half Scan Poor Contrast Electronic Interference
3	11 01 53	Half Scan Poor Contrast Electronic Interference
4	11 14 44	Half Scan Electronic Interference Picture Fair
5	11 27 41	Half Scan Electronic Interference Picture Fair
6	11 43 01	Half Scan Electronic Interference Picture Fair
7	12 54 51	Half Scan Electronic Interference Picture Fair
8	15 30 30	Half Scan Electronic Interference Picture Fair
9	15 43 12	Half Scan Electronic Interference Picture Fair
10	15 57 47	Half Scan Electronic Interference Picture Fair
11	16 10 39	Half Scan Electronic Interference Picture Fair
12	17 00 26	Half Scan Electronic Interference Picture Fair
13	20 27 57	No Data
14	20 40 54	Half Scan Electronic Interference Picture Fair
15	20 53 36	Half Scan Electronic Interference Picture Fair
16	21 06 16	Half Scan Electronic Interference Picture Fair
17	21 18 58	Half Scan Electronic Interference Picture Fair
18	21 55 45	Half Scan Electronic Interference Picture Fair
19	22 08 27	Half Scan Electronic Interference Picture Fair
20	22 21 19	Half Scan Electronic Interference Picture Fair
21	22 33 58	Half Scan Electronic Interference Picture Fair
22	22 46 46	Half Scan Electronic Interference Picture Fair
23	22 59 29	Half Scan Electronic Interference Picture Fair





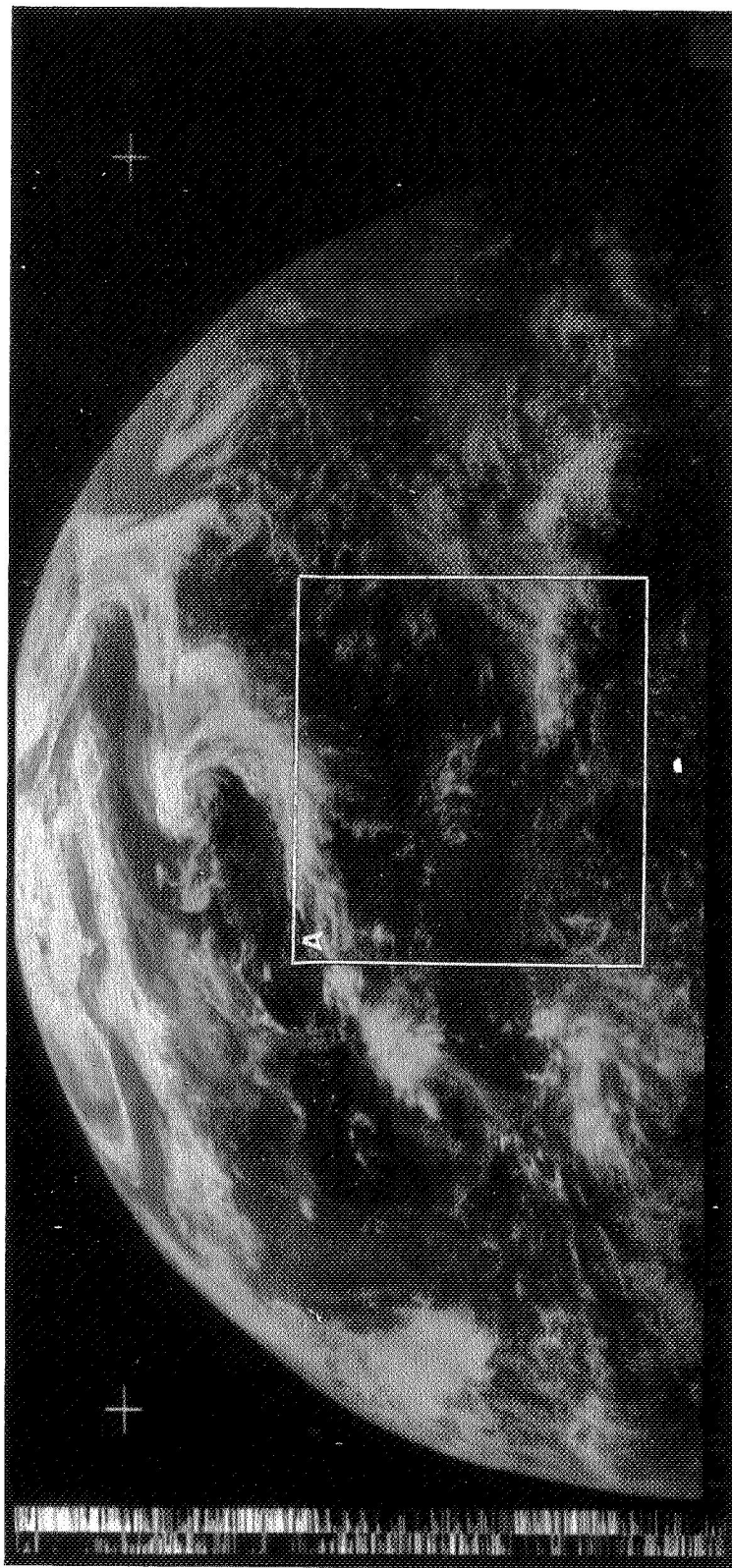
ATS-III MSSC 10 JUN 69 17 00 26 Z 12

# MSSCC

11 Jun 69

SSP 62.64 W 0.10 S

Seq	End Time	Remarks
1	09 44 54	Half Scan Electronic Interference Picture Fair
2	09 57 48	Half Scan Electronic Interference Picture Fair
3	10 56 09	Half Scan Electronic Interference Picture Fair
4	11 09 12	Half Scan Electronic Interference Picture Fair
5	11 22 09	Half Scan Electronic Interference Picture Fair
6	11 36 47	Half Scan Electronic Interference Picture Fair
7	12 54 08	Half Scan Electronic Interference Picture Fair
8	15 12 54	Half Scan Electronic Interference Picture Poor
9	15 25 33	Half Scan Electronic Interference Picture Good
10	15 38 13	Half Scan Electronic Interference Picture Good
11	15 52 51	No Data
12	16 05 40	Half Scan Picture Skewed Picture Fair
13	17 05 05	Half Scan Sync Problem Picture Fair
14	17 17 44	Half Scan Sync Problem Picture Fair
15	17 30 23	Half Scan Sync Problem Picture Fair
16	17 43 00	Half Scan Sync Problem Picture Fair
17	17 55 43	Half Scan Sync Problem Picture Fair
18	20 26 33	Half Scan Sync Problem Picture Fair
19	20 39 26	Half Scan Sync Problem Picture Fair
20	21 02 48	Half Scan Sync Problem Picture Fair
21	21 17 26	Half Scan Sync Problem Picture Fair
22	22 10 36	Half Scan Sync Problem Picture Fair
23	22 23 23	Half Scan Sync Problem Picture Fair
24	22 36 06	Half Scan Sync Problem Picture Fair
25	22 49 00	Half Scan Sync Problem Picture Fair



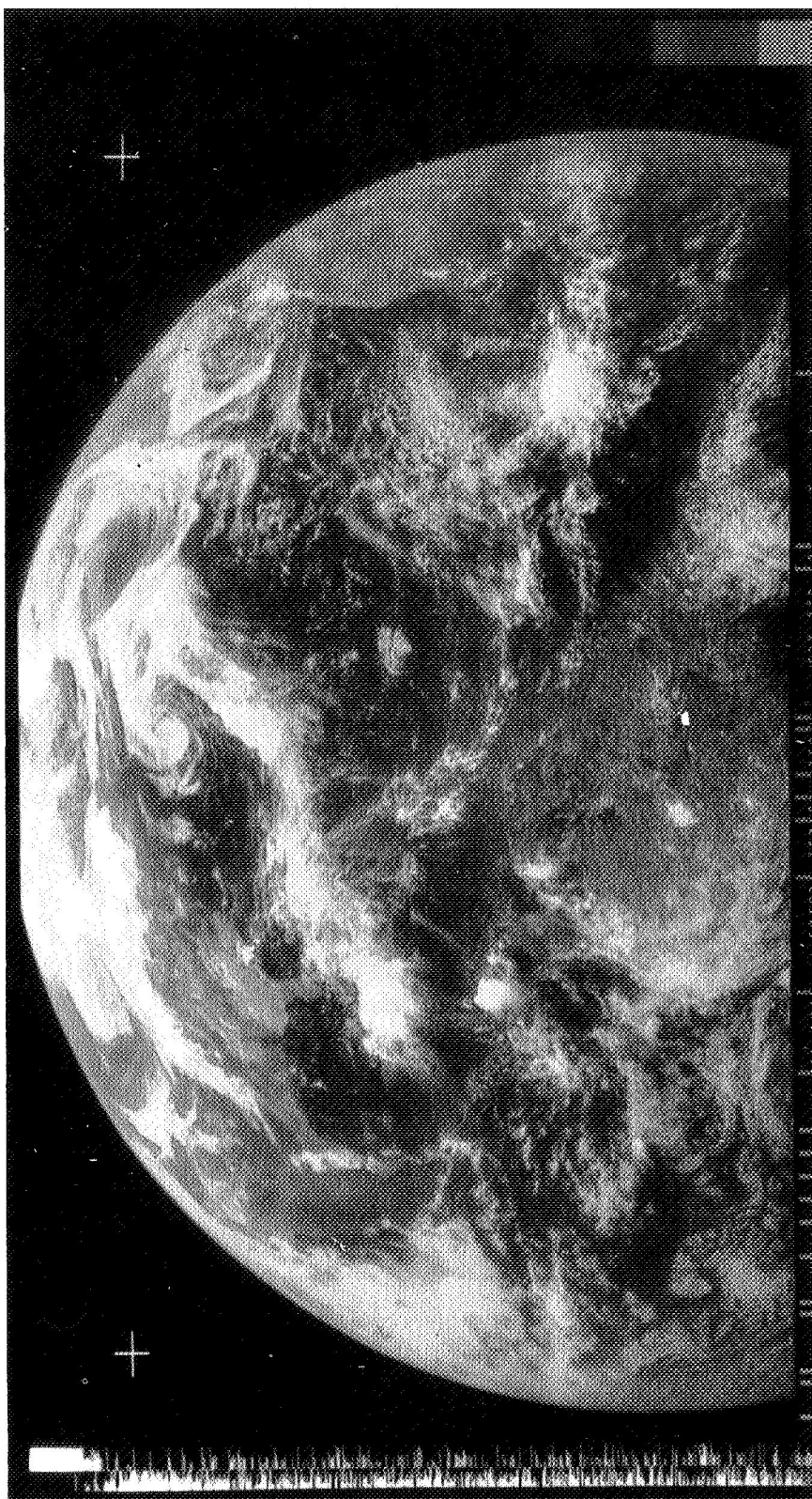
ATS-III MSSC 11 JUN 69 17 05 05 Z 13

# MSSCC

12 Jun 69

SSP 61.85 W 0.11 S

Seq	End Time	Remarks
1	09 28 06	Half Scan Electronic Interference Picture Good
2	09 43 04	Half Scan Electronic Interference Picture Good
3	09 55 58	Half Scan Electronic Interference Picture Good
4	11 06 05	Half Scan Electronic Interference Picture Good
5	11 18 47	Half Scan Electronic Interference Picture Good
6	11 33 26	Half Scan Electronic Interference Picture Good
7	13 03 21	Half Scan Electronic Interference Picture Good
8	14 37 46	Half Scan Electronic Interference Picture Good
9	14 51 03	Half Scan Electronic Interference Picture Good
10	15 03 42	Half Scan Electronic Interference Picture Good
11	15 16 22	Half Scan Electronic Interference Picture Good
12	15 29 01	Half Scan Electronic Interference Picture Good
13	15 41 41	Half Scan Electronic Interference Picture Good
14	15 58 41	Half Scan Electronic Interference Picture Good
15	16 11 33	Half Scan Electronic Interference Picture Good
16	17 02 28	Half Scan Electronic Interference Picture Good
17	17 15 07	Half Scan Electronic Interference Picture Good
18	17 27 47	Half Scan Electronic Interference Picture Good
19	17 40 47	Half Scan Electronic Interference Picture Good
20	17 53 29	Half Scan Electronic Interference Picture Good
21	18 06 12	Half Scan Electronic Interference Picture Good
22	18 18 54	Half Scan Electronic Interference Picture Good
23	18 31 37	Half Scan Electronic Interference Picture Good
24	18 44 16	Half Scan Electronic Interference Picture Good
25	18 56 55	Half Scan Electronic Interference Picture Good
26	19 09 36	Half Scan Electronic Interference Picture Good
27	19 24 19	Half Scan Electronic Interference Picture Good
28	19 36 58	Half Scan Electronic Interference Picture Good
29	19 49 37	Half Scan Electronic Interference Picture Good
30	20 02 17	Half Scan Electronic Interference Picture Good
31	20 14 57	Half Scan Electronic Interference Picture Good
32	20 27 51	Half Scan Electronic Interference Picture Good
33	20 41 06	Half Scan Electronic Interference Picture Good
34	20 55 50	Half Scan Electronic Interference Picture Good
35	21 08 46	Half Scan Electronic Interference Picture Good
36	21 21 39	Half Scan Electronic Interference Picture Fair
37	22 09 09	Half Scan Electronic Interference Picture Fair
38	22 21 52	Half Scan Electronic Interference Picture Good
39	22 35 06	Half Scan Electronic Interference Picture Good
40	22 47 50	Half Scan Electronic Interference Picture Good
41	23 00 37	Half Scan Electronic Interference Picture Good
42	23 13 20	Half Scan Electronic Interference Picture Good
43	23 26 02	Half Scan Electronic Interference Picture Good
44	23 38 44	Half Scan Electronic Interference Picture Good
45	23 51 27	Half Scan Electronic Interference Picture Good



ATS-III MSSCC 12 JUN 69 15 58 41 Z 14

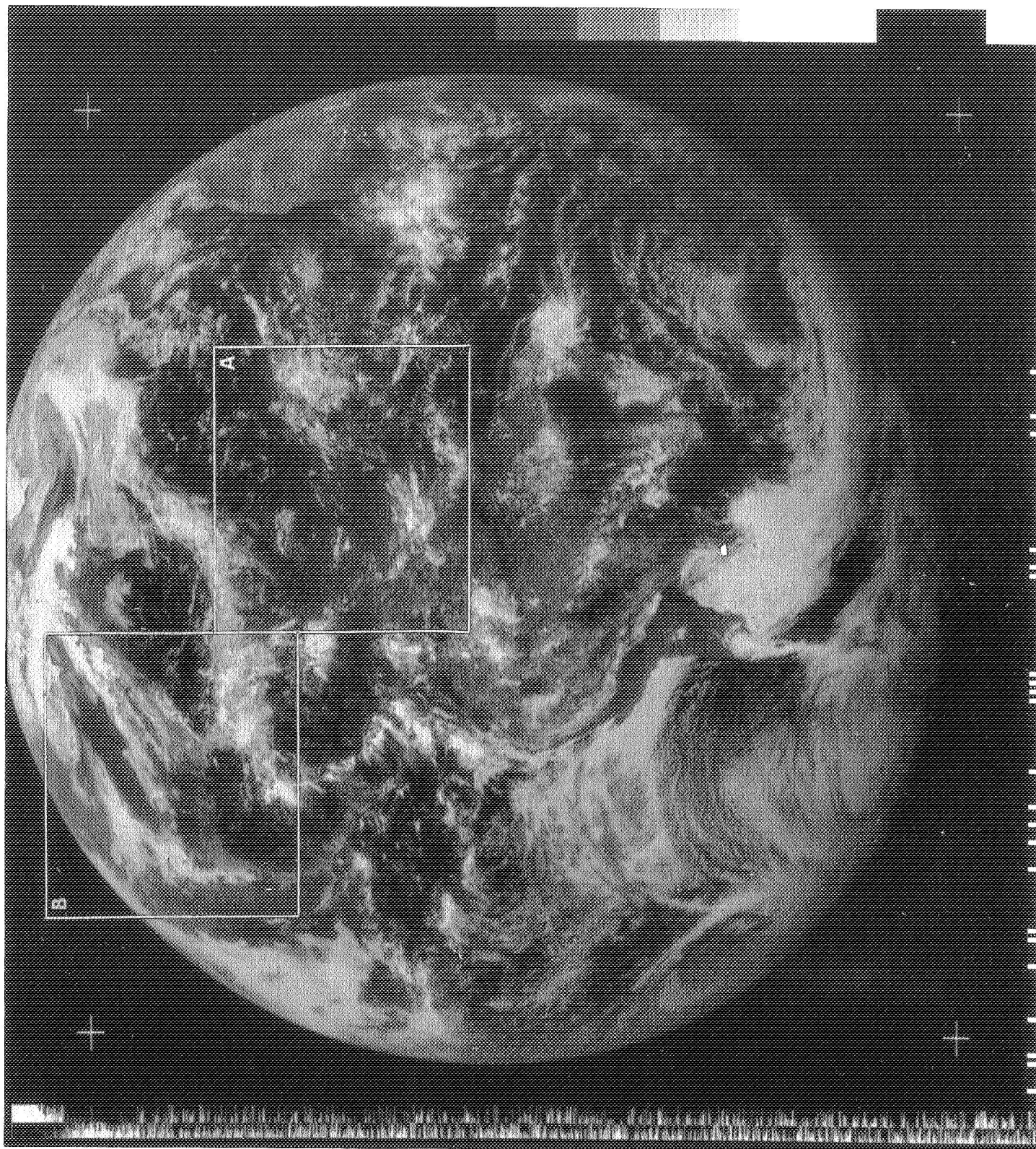
# MSSCC

13 Jun 69

SSP 61.05 W 0.11 S

Seq	End Time	Remarks
1	00 04 09	Half Scan Electronic Interference Picture Fair
2	00 16 51	Half Scan Electronic Interference Picture Fair
3	00 29 34	Half Scan Electronic Interference Picture Fair
4	00 42 16	Half Scan Electronic Interference Picture Fair
5	00 54 57	Half Scan Electronic Interference Picture Fair
6	10 18 49	No Data
7	11 06 55	Half Scan Electronic Interference Picture Fair
8	11 19 26	Half Scan Electronic Interference Picture Fair
9	11 32 02	Half Scan Electronic Interference Picture Fair
10	13 02 14	Half Scan Electronic Interference Picture Fair
11	15 18 56	Electronic Interference Picture Fair
12	15 44 24	Electronic Interference Picture Fair
13	16 09 52	Electronic Interference Picture Fair
14	17 15 43	Electronic Interference Picture Fair
15	17 41 11	Electronic Interference Picture Fair
16	20 59 26	Half Scan Sun Glint
17	21 12 18	Half Scan Electronic Interference Picture Fair
18	21 25 00	Half Scan Sun Glint
19	22 05 36	Half Scan Sun Glint
20	22 16 52	Half Scan Sun Glint
21	22 32 38	Half Scan Sun Glint
22	22 45 21	Half Scan Sun Glint
23	22 58 08	Half Scan Sun Glint





ATS-III MSSCC 13 JUN 69 16 09 52 Z 13

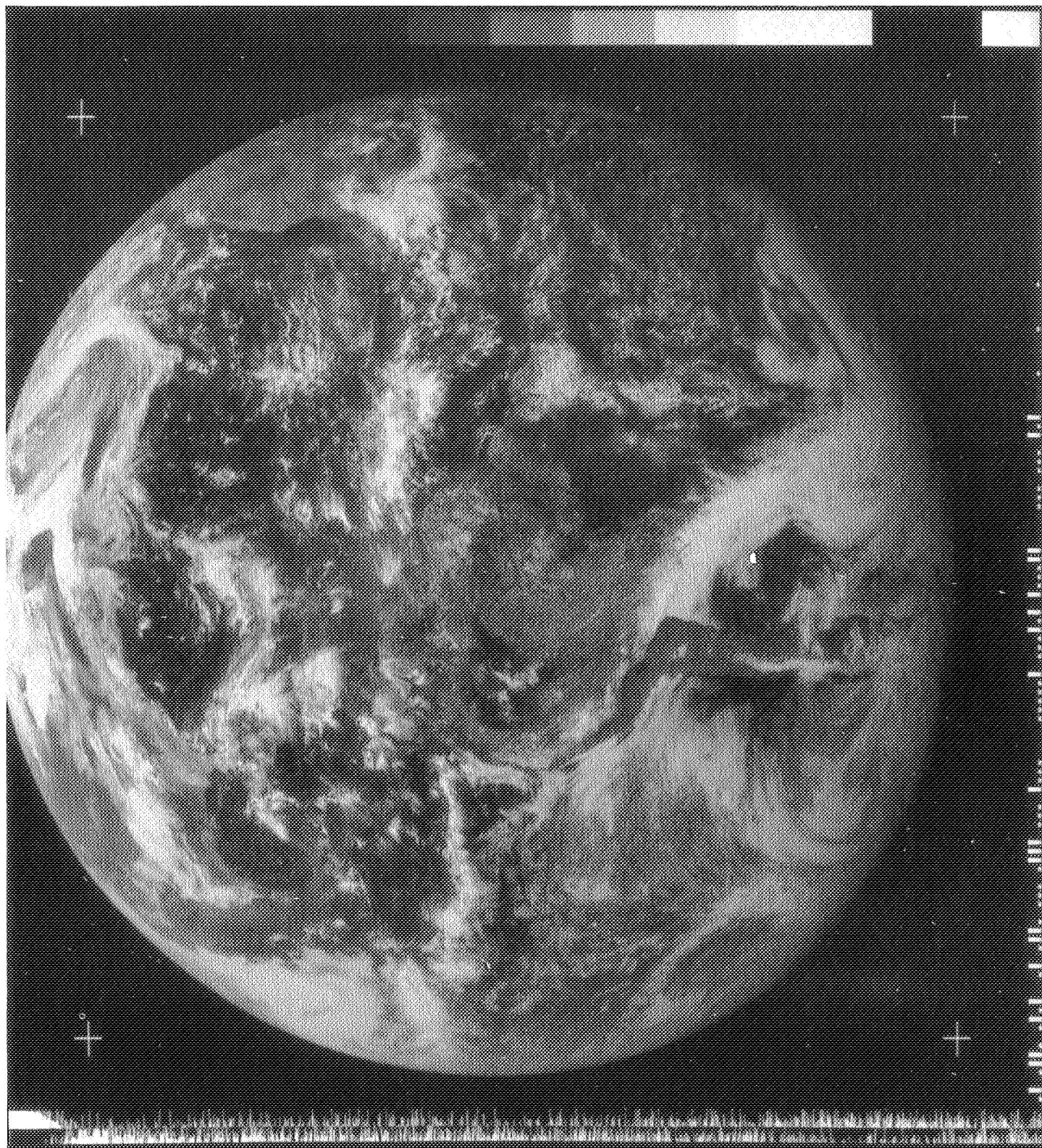
# MSSCC

14 Jun 69

SSP 60.26 W 0.12 S

Seq	End Time	Remarks
1	09 51 20	Half Scan Electronic Interference Picture Poor
2	10 10 25	No Data
3	10 23 21	Half Scan Electronic Interference Picture Poor
4	10 53 16	Half Scan Electronic Interference Picture Poor
5	11 07 43	Half Scan Electronic Interference Picture Poor
6	11 22 15	Half Scan Electronic Interference Picture Poor
7	11 35 04	Half Scan Electronic Interference Picture Poor
8	12 56 14	Half Scan Electronic Interference Picture Poor
9	15 41 41	Electronic Interference Picture Fair
10	16 07 08	Electronic Interference Picture Fair
11	17 07 16	Electronic Interference Picture Fair
12	17 32 46	Electronic Interference Picture Fair
13	17 58 11	Electronic Interference Picture Fair
14	20 21 44	Half Scan Electronic Interference Picture Fair
15	20 34 26	Half Scan Electronic Interference Picture Fair
16	20 47 09	Half Scan Electronic Interference Picture Fair
17	21 01 47	Half Scan Electronic Interference Picture Fair
18	21 14 38	Half Scan Electronic Interference Picture Fair
19	21 27 21	Half Scan Electronic Interference Picture Fair
20	22 01 51	Half Scan Electronic Interference Picture Fair
21	22 14 34	Half Scan Electronic Interference Picture Fair
22	22 27 16	Half Scan Electronic Interference Picture Fair
23	22 41 13	Half Scan Electronic Interference Picture Poor
24	22 54 01	Half Scan Electronic Interference Picture Poor





ATS-III MSSCC 14 JUN 69 16 07 08 Z 10

# MSSCC

15 Jun 69

SSP 59.46 W 0.12 S

Seq	End Time	Remarks
1	09 27 10	Half Scan Electronic Interference Picture Fair
2	09 39 35	Half Scan Electronic Interference Picture Fair
3	09 52 19	Half Scan Electronic Interference Picture Fair
4	10 08 04	No Data
5	10 20 52	Half Scan Electronic Interference Picture Fair
6	10 48 39	Half Scan Electronic Interference Picture Good
7	11 02 06	Half Scan Electronic Interference Picture Good
8	11 14 46	Half Scan Electronic Interference Picture Fair
9	11 27 25	Half Scan Electronic Interference Picture Fair
10	11 40 13	Half Scan Electronic Interference Picture Fair
11	11 54 57	Half Scan Electronic Interference Picture Fair
12	12 08 03	Half Scan Electronic Interference Picture Fair
13	12 53 35	Half Scan Electronic Interference Picture Fair
14	15 55 00	Electronic Interference Picture Fair
15	16 20 24	Electronic Interference Picture Fair
16	17 06 00	Electronic Interference Picture Fair
17	17 31 27	Electronic Interference Picture Fair
18	17 56 55	Electronic Interference Picture Fair
19	20 22 17	Half Scan Electronic Interference Picture Fair
20	20 35 00	Half Scan Electronic Interference Picture Fair
21	20 47 53	Half Scan Electronic Interference Picture Fair
22	21 02 28	Half Scan Electronic Interference Picture Fair
23	21 15 20	Half Scan Electronic Interference Picture Fair
24	21 28 44	Half Scan Time Code In Picture
25	21 55 57	Half Scan Electronic Interference Picture Fair
26	22 08 50	Half Scan Electronic Interference Picture Fair
27	22 21 50	Half Scan Time Code In Picture
28	22 34 32	Half Scan Electronic Interference Picture Fair
29	22 47 08	Half Scan Electronic Interference Picture Fair
30	22 59 57	Half Scan Electronic Interference Picture Fair





ATS-III MSSCC 15 JUN 69 17 06 00 Z 16

# MSSCC

16 Jun 69

SSP 58.67 W 0.14 S

Seq	End Time	Remarks
1	09 23 25	Half Scan Electronic Interference Picture Fair
2	09 36 07	Half Scan Electronic Interference Picture Fair
3	09 48 50	Half Scan Electronic Interference Picture Fair
4	10 03 46	Half Scan Electronic Interference Picture Fair
5	10 16 46	Half Scan Electronic Interference Picture Fair
6	10 29 27	Half Scan Electronic Interference Picture Fair
7	10 47 00	One Third Scan Picture Poor Code In Picture
8	11 00 04	Half Scan Electronic Interference Picture Fair
9	11 12 44	Half Scan Electronic Interference Picture Fair
10	11 25 20	Half Scan Electronic Interference Picture Fair
11	11 39 51	Half Scan Electronic Interference Picture Fair
12	12 54 29	Half Scan Electronic Interference Picture Fair
13	15 28 54	Electronic Interference Picture Fair
14	15 54 21	Electronic Interference Picture Fair
15	16 19 49	Electronic Interference Picture Fair
16	17 10 44	Electronic Interference Picture Fair
17	17 36 12	Electronic Interference Picture Fair
18	20 27 40	Half Scan Picture Skewed
19	20 41 28	Half Scan Picture Slightly Skewed
20	20 54 43	Half Scan Picture Slightly Skewed
21	21 09 33	Half Scan Picture Slightly Skewed
22	21 22 24	Half Scan Picture Slightly Skewed Sun Glint
23	21 57 56	Half Scan Picture Slightly Skewed Sun Glint
24	22 10 40	Half Scan Picture Slightly Skewed Sun Glint
25	22 23 28	Half Scan Picture Slightly Skewed Sun Glint
26	22 36 16	Half Scan Picture Slightly Skewed Sun Glint
27	22 48 58	Half Scan Picture Slightly Skewed Sun Glint





ATS-11 MSSCC 16 JUN 69 16 19 49 Z 15

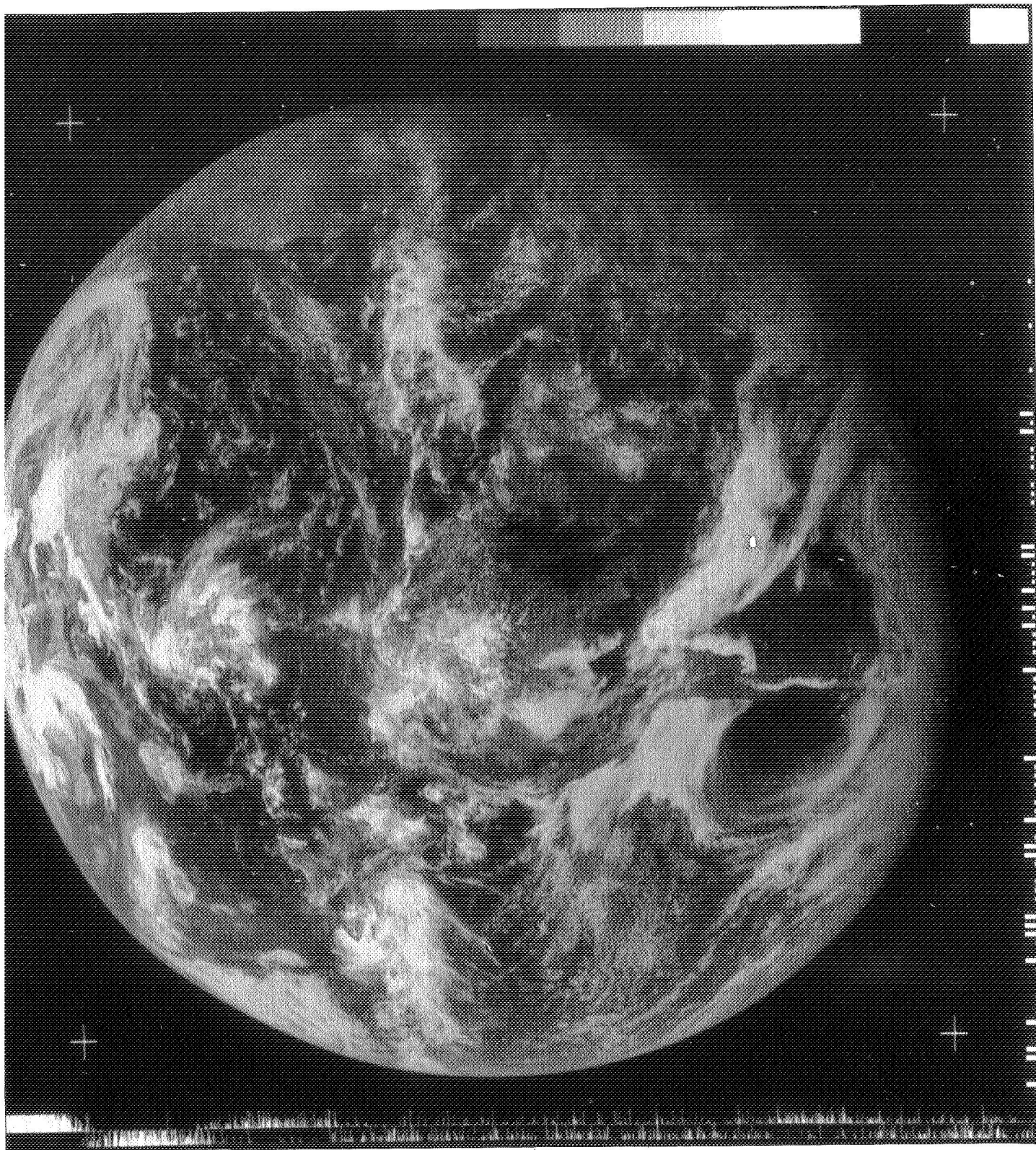
MSSCC

17 Jun 69

SSP 57.88 W 0.14 S

Seq	End Time	Remarks
1	09 21 53	Half Scan Poor Contrast
2	09 34 24	Half Scan Poor Contrast
3	09 47 00	Half Scan Poor Contrast Few Dropouts
4	10 01 35	Half Scan Poor Contrast Few Dropouts
5	10 14 26	Half Scan Poor Contrast Few Dropouts
6	10 27 08	Half Scan Poor Contrast Few Dropouts
7	10 52 48	Half Scan Some Dropouts Picture Good
8	11 05 28	Half Scan Some Dropouts Picture Good
9	11 18 07	Half Scan Some Dropouts Picture Good
10	11 30 53	Half Scan Some Dropouts Picture Good
11	11 45 30	Half Scan Some Dropouts Picture Good
12	12 55 07	Half Scan Some Dropouts Picture Good
13	15 24 50	Some Dropouts Picture Good
14	15 50 18	Some Dropouts Picture Good
15	16 15 43	Some Dropouts Picture Good
16	17 06 41	Some Dropouts Picture Good
17	17 32 09	Some Dropouts Picture Good
18	17 57 37	Some Dropouts Picture Fair
19	20 21 53	Half Scan Some Dropouts Picture Fair
20	20 34 36	Half Scan Some Dropouts Picture Fair
21	20 47 21	Half Scan Some Dropouts Picture Fair
22	21 01 59	Half Scan Some Dropouts Picture Fair
23	21 14 56	Half Scan Some Dropouts Picture Fair
24	21 27 39	Half Scan Some Dropouts Picture Fair
25	21 52 22	Half Scan Some Dropouts Picture Fair Sun Glint
26	22 05 07	Half Scan Some Dropouts Picture Fair Sun Glint
27	22 17 55	Half Scan Some Dropouts Picture Fair Sun Glint
28	22 30 37	Half Scan Some Dropouts Picture Fair Sun Glint
29	22 43 17	Half Scan Some Dropouts Picture Fair Sun Glint
30	22 56 02	Half Scan Some Dropouts Picture Fair Sun Glint





ATS-III MSSCC 17 JUN 69 17 06 41 Z 16

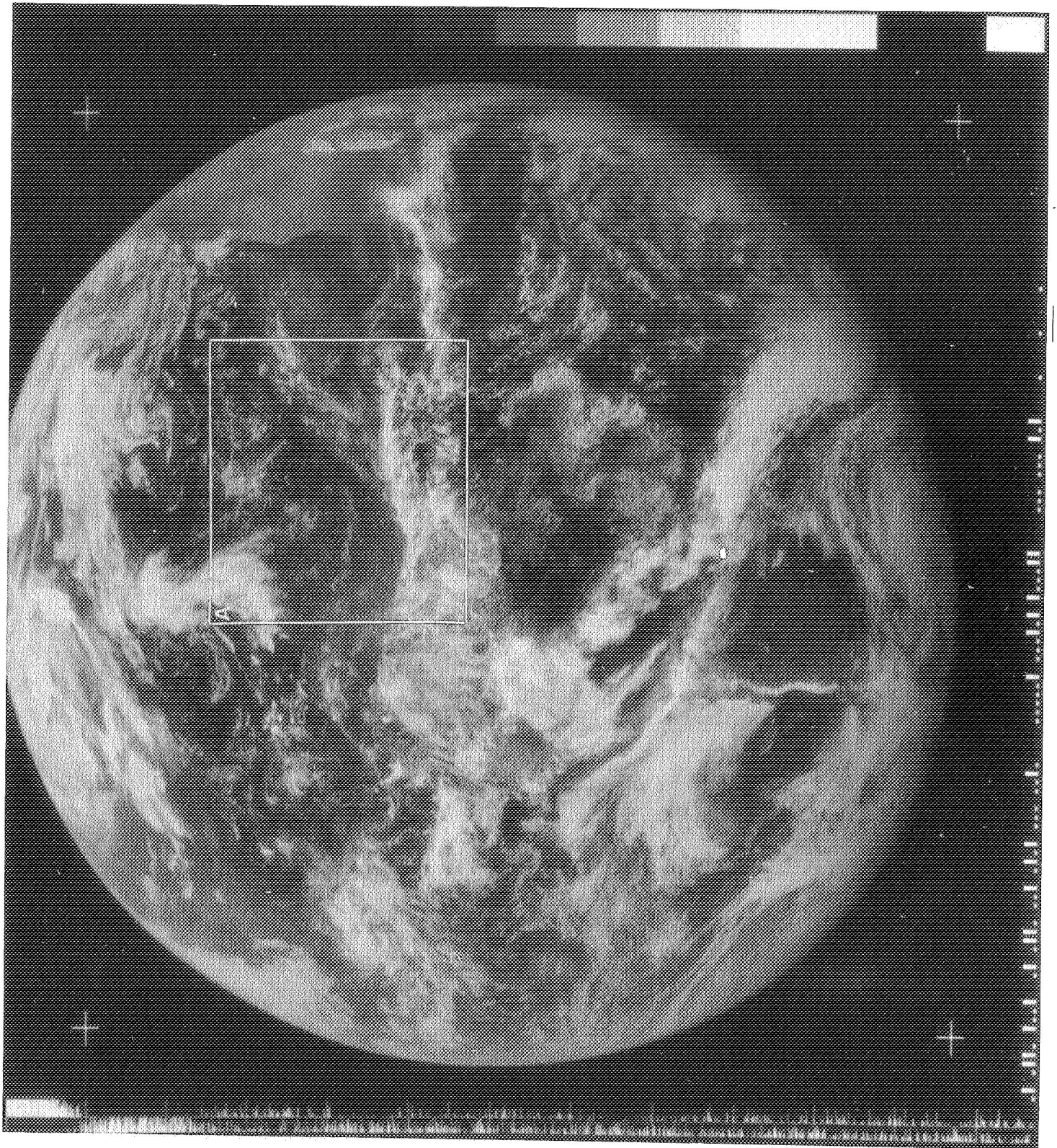
# MSSCC

18 Jun 69

SSP 57.09 W 0.14 S

Seq	End Time	Remarks
1	09 39 23	Half Scan Some Dropouts Picture Good
2	09 52 17	Half Scan Some Dropouts Picture Good
3	10 06 53	Half Scan Some Dropouts Picture Good
4	10 19 47	Half Scan Some Dropouts Picture Good
5	10 51 04	Half Scan Some Dropouts Picture Good
6	11 03 35	Half Scan Some Dropouts Picture Good
7	11 16 24	Half Scan Some Dropouts Picture Good
8	11 31 05	Half Scan Some Dropouts Picture Good
9	12 54 32	Half Scan Some Dropouts Picture Good
10	15 24 06	Some Dropouts Picture Fair
11	15 49 34	Some Dropouts Picture Good
12	16 15 02	Some Dropouts Picture Good
13	17 05 57	Some Dropouts Picture Good
14	17 31 24	Some Dropouts Picture Good
15	17 56 52	Some Dropouts Picture Fair
16	20 18 52	Half Scan Some Dropouts Picture Fair
17	20 31 37	Half Scan Some Dropouts Picture Fair
18	20 46 13	Half Scan Some Dropouts Picture Fair
19	20 59 04	Half Scan Some Dropouts Picture Fair
20	21 11 44	Half Scan Some Dropouts Picture Fair
21	21 57 30	Half Scan Some Dropouts Picture Fair Sun Glint
22	22 10 12	Half Scan Some Dropouts Picture Fair Sun Glint
23	22 23 01	Half Scan Some Dropouts Picture Fair Sun Glint
24	22 35 40	Half Scan Some Dropouts Picture Fair Sun Glint
25	22 48 23	Half Scan Some Dropouts Picture Fair Sun Glint
26	23 01 02	Half Scan Some Dropouts Picture Fair Sun Glint





ATS-III MSSCC 18 JUN 69 16 15 02 Z 12

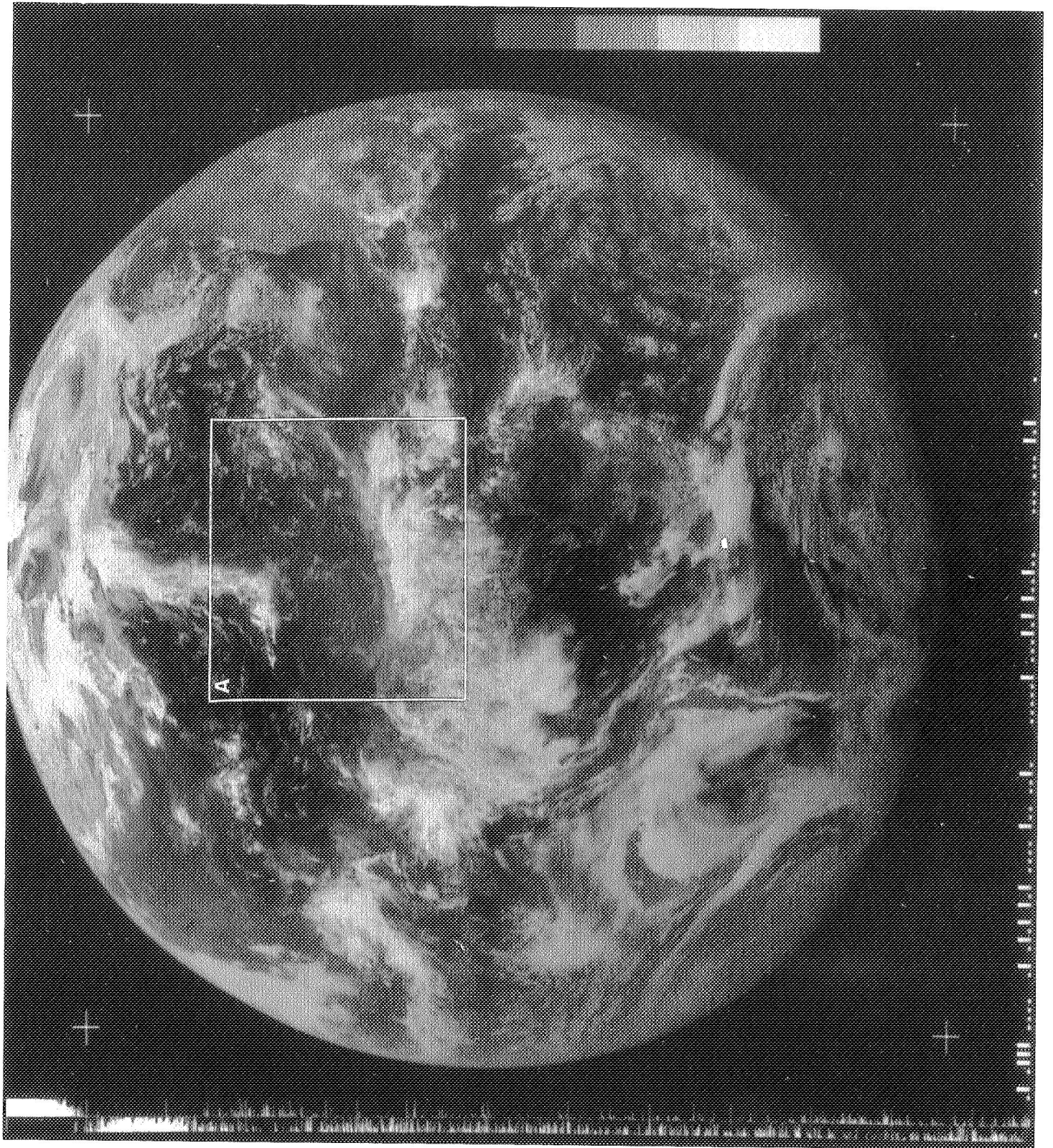
# MSSCC

19 Jun 69

SSP 56.30 W 0.15 S

Seq	End Time			Remarks
1	09	22	31	Half Scan Some Dropouts Picture Good
2	09	35	11	Half Scan Some Dropouts Picture Good
3	09	47	50	Half Scan Some Dropouts Picture Good
4	10	02	22	Half Scan Some Dropouts Picture Good
5	10	15	17	Half Scan Some Dropouts Picture Good
6	10	27	53	Half Scan Some Dropouts Picture Good
7	10	52	42	Half Scan Some Dropouts Picture Good
8	11	05	22	Half Scan Some Dropouts Picture Good
9	11	18	01	Half Scan Some Dropouts Picture Good
10	11	24	00	One Third Scan
11	11	38	50	Half Scan Some Dropouts Picture Dark
12	13	01	36	Two Third Scan Some Dropouts Picture Fair
13	15	25	14	Some Dropouts Picture Good
14	15	50	42	Some Dropouts Picture Good
15	16	16	10	Some Dropouts Picture Good
16	17	05	09	Sync Problem Earth Not Round Picture Fair
17	17	30	37	Some Dropouts Picture Good
18	17	56	08	Some Dropouts Picture Good
19	20	25	47	Half Scan Some Dropouts Picture Good
20	20	38	27	Half Scan Some Dropouts Picture Good
21	20	53	02	Half Scan Some Dropouts Picture Good
22	21	05	53	Half Scan Some Dropouts Picture Good
23	21	18	34	Half Scan Some Dropouts Picture Good
24	21	53	24	Half Scan Some Dropouts Picture Good
25	22	06	03	Half Scan Some Dropouts Picture Good Sun Glint
26	22	18	43	Half Scan Some Dropouts Picture Good Sun Glint
27	22	31	22	Half Scan Some Dropouts Picture Good Sun Glint
28	22	44	02	Half Scan Some Dropouts Picture Good Sun Glint
29	22	56	45	Half Scan Some Dropouts Picture Good Sun Glint





ATS-III MSSCC 19 JUN 69 15 50 42 Z 14

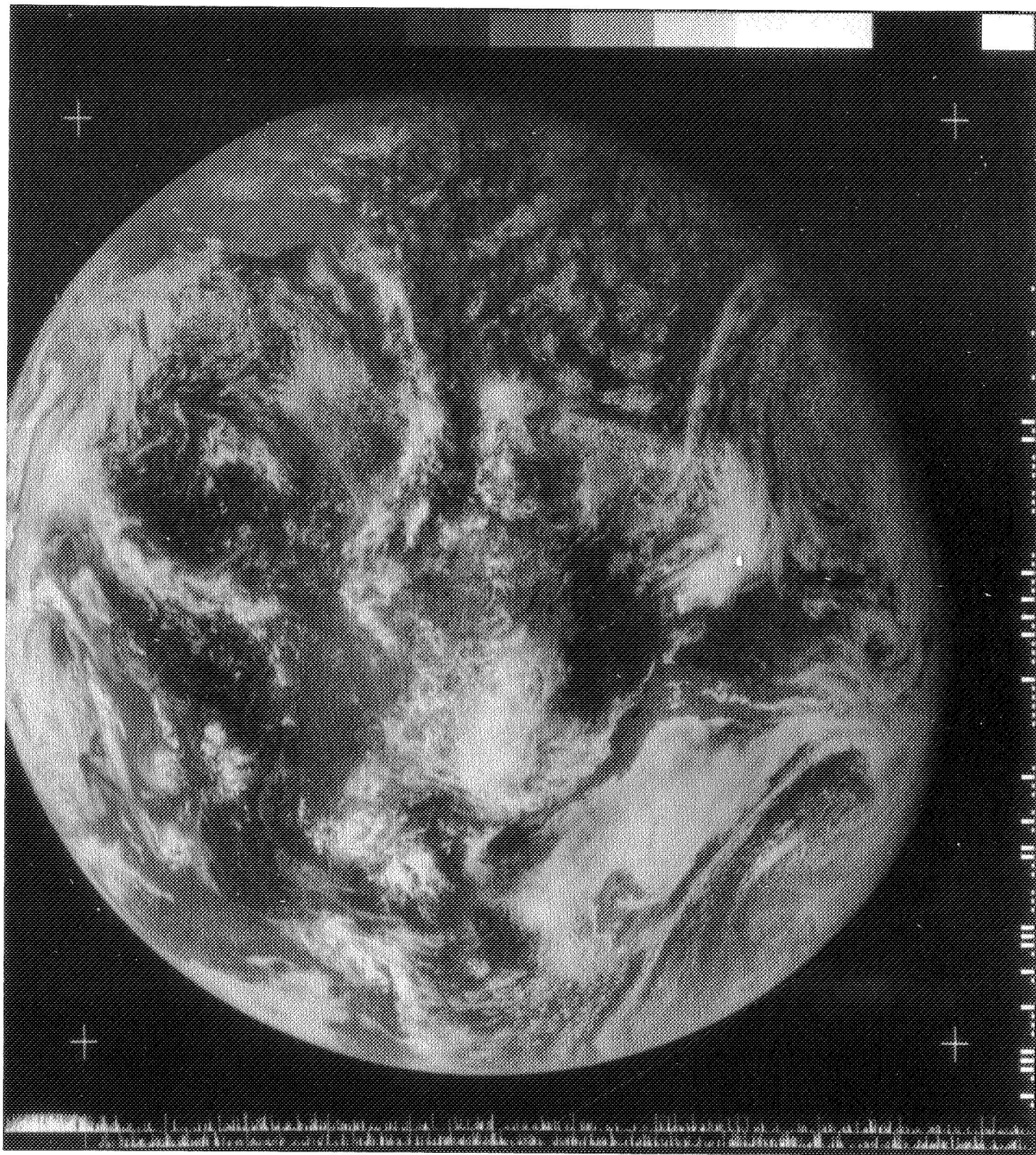
# MSSCC

20 Jun 69

SSP 55.52 W 0.16 S

Seq	End Time			Remarks
1	09	23	31	Half Scan Some Dropouts Picture Good Sun Glint
2	09	36	13	Half Scan Some Dropouts Picture Fair Sun Glint
3	09	48	55	Half Scan Some Dropouts Picture Fair Sun Glint
4	10	03	33	Half Scan Some Dropouts Picture Fair Sun Glint
5	10	19	59	Half Scan Some Dropouts Picture Fair Sun Glint
6	10	56	27	Half Scan Some Dropouts Picture Good Sun Glint
7	11	18	10	Half Scan Some Dropouts Picture Good Sun Glint
8	11	30	53	Half Scan Some Dropouts Picture Good Sun Glint
9	12	57	33	Half Scan Some Dropouts Picture Good
10	15	23	19	Some Dropouts Picture Good
11	16	08	12	Some Dropouts Picture Good
12	17	03	22	Some Dropouts Picture Good
13	17	28	44	Some Dropouts Picture Good
14	17	54	15	Some Dropouts Picture Good
15	20	28	42	Half Scan Some Dropouts Picture Good Sun Glint
16	20	41	21	Half Scan Some Dropouts Picture Good Sun Glint
17	20	55	57	Half Scan Some Dropouts Picture Good Sun Glint
18	21	08	51	Half Scan Some Dropouts Picture Good Sun Glint
19	21	21	31	Half Scan Some Dropouts Picture Good Sun Glint
20	21	54	47	Half Scan Some Dropouts Picture Good Sun Glint
21	22	07	26	Half Scan Some Dropouts Picture Good Sun Glint
22	22	20	06	Half Scan Some Dropouts Picture Good Sun Glint
23	22	32	46	Half Scan Some Dropouts Picture Good Sun Glint
24	22	45	25	Half Scan Some Dropouts Picture Good Sun Glint
25	22	58	05	Half Scan Some Dropouts Picture Good Sun Glint





ATS-III MSSCC 20 JUN 69 17 03 22 Z 12

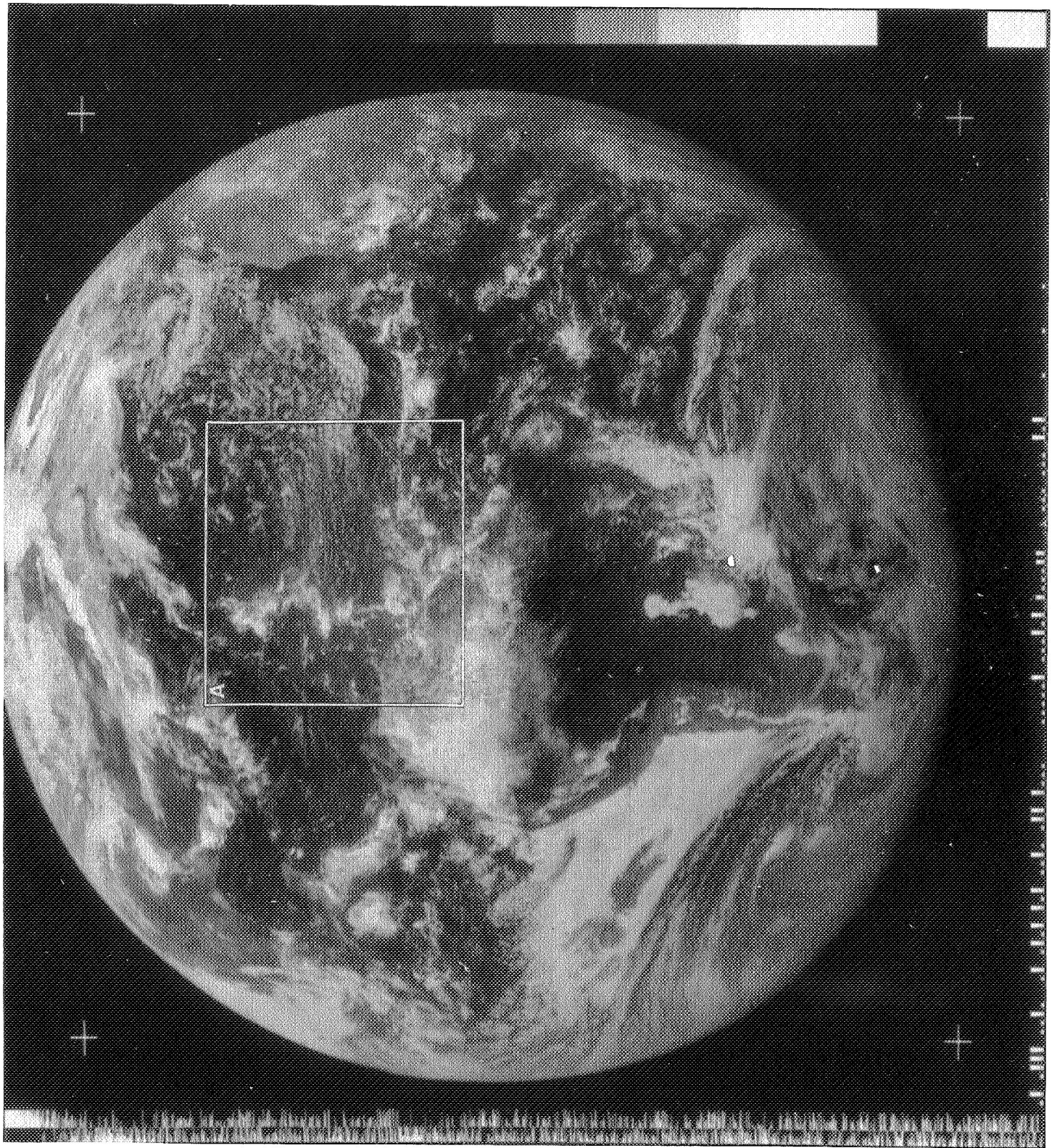
# MSSCC

21 Jun 69

SSP 54.73 W 0.16 S

Seq	End Time	Remarks
1	09 25 23	Half Scan Few Minor Dropouts
2	09 38 05	Half Scan Few Minor Dropouts
3	09 51 03	Half Scan Few Minor Dropouts
4	10 05 38	Half Scan Some Minor Dropouts
5	10 18 30	Half Scan Few Minor Dropouts
6	10 52 04	Half Scan Few Minor Dropouts
7	11 04 46	Half Scan Few Minor Dropouts
8	11 17 28	Half Scan Few Minor Dropouts
9	11 32 06	Half Scan Few Minor Dropouts
10	12 51 48	Half Scan Few Minor Dropouts
11	15 27 10	Few Minor Dropouts
12	15 52 38	Few Minor Dropouts
13	16 18 05	Few Minor Dropouts
14	17 07 55	Few Minor Dropouts
15	17 33 26	Few Minor Dropouts
16	17 58 54	Few Minor Dropouts
17	20 28 52	Half Scan Few Minor Dropouts
18	20 42 01	Half Scan Few Minor Dropouts
19	20 56 44	Half Scan Few Minor Dropouts
20	21 09 39	Half Scan Few Minor Dropouts
21	21 22 20	Half Scan Few Minor Dropouts
22	22 10 57	Half Scan Few Minor Dropouts
23	22 23 36	Half Scan Few Minor Dropouts
24	22 36 16	Half Scan Few Minor Dropouts
25	22 48 59	Half Scan Few Minor Dropouts





ATS-III MSSCC 21 JUN 69 15 52 38 Z 12

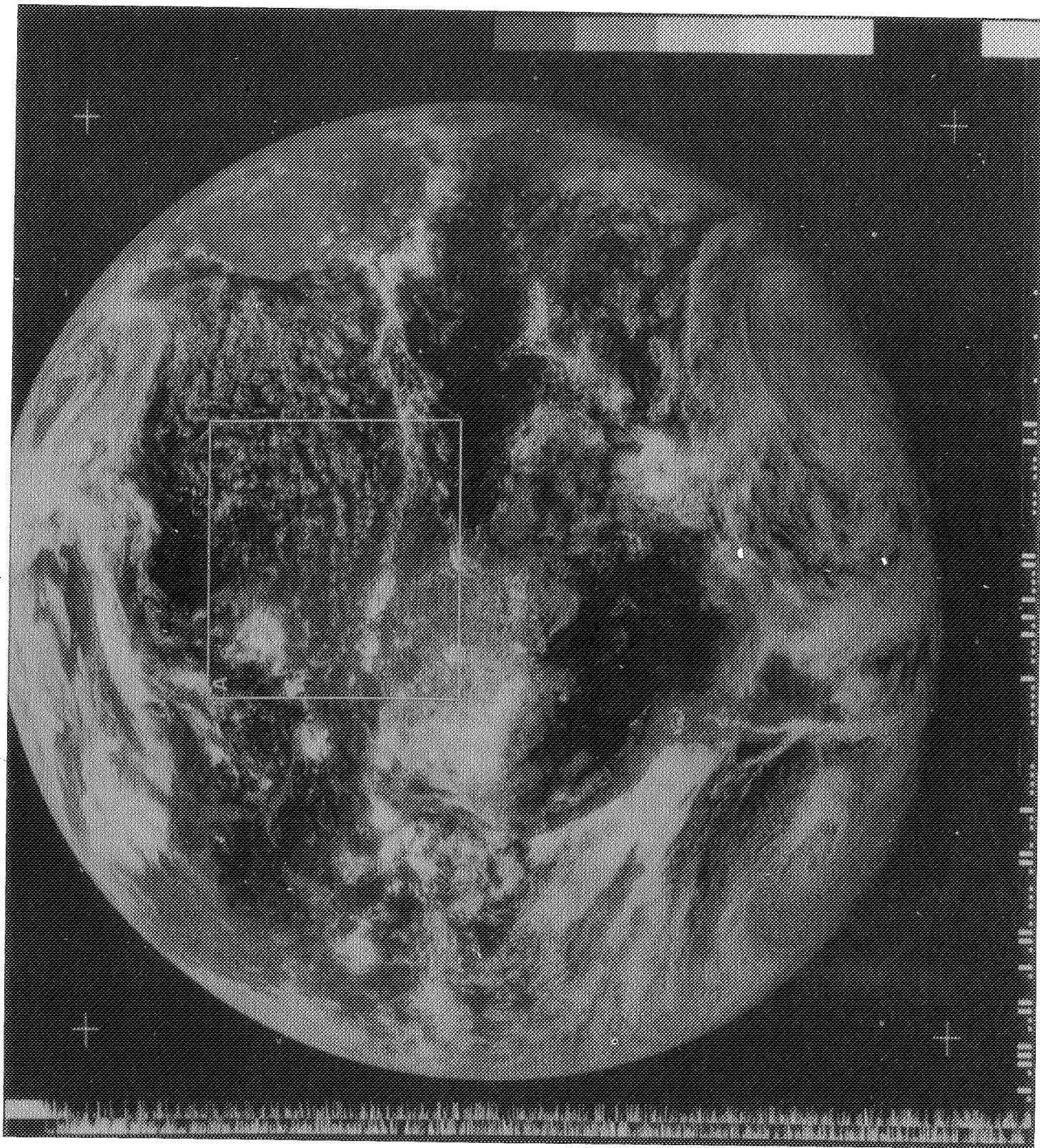
# MSSCC

22 Jun 69

SSP 53.95 W 0.17 S

Seq	End Time	Remarks
1	09 31 02	Half Scan Few Minor Dropouts
2	09 43 44	Half Scan Few Minor Dropouts
3	09 58 25	Half Scan Few Minor Dropouts
4	10 11 22	Half Scan Few Minor Dropouts
5	10 24 02	Half Scan Few Minor Dropouts
6	10 55 26	Half Scan Few Minor Dropouts
7	11 08 11	Half Scan Few Minor Dropouts
8	11 20 53	Half Scan Few Minor Dropouts
9	11 35 31	Half Scan Few Minor Dropouts
10	12 51 54	Half Scan Few Minor Dropouts
11	15 40 43	Some Minor Dropouts
12	16 06 10	Some Minor Dropouts
13	16 31 38	Some Minor Dropouts
14	17 03 11	Bad Film Data Lost Over Argentina Chile
15	17 28 38	Few Minor Dropouts
16	17 54 06	Few Minor Dropouts
17	20 24 35	Half Scan Few Minor Dropouts
18	20 37 15	Half Scan Few Minor Dropouts
19	20 51 50	Half Scan Few Minor Dropouts
20	21 04 41	Half Scan Few Minor Dropouts
21	21 17 22	Half Scan Few Minor Dropouts
22	22 08 28	Half Scan Few Minor Dropouts
23	22 21 10	Half Scan Few Minor Dropouts
24	22 33 53	Half Scan Few Minor Dropouts
25	22 46 32	Half Scan Few Minor Dropouts
26	22 59 16	Half Scan Few Minor Dropouts





ATS-III MSSCC 22 JUN 69 16 06 10 Z 12

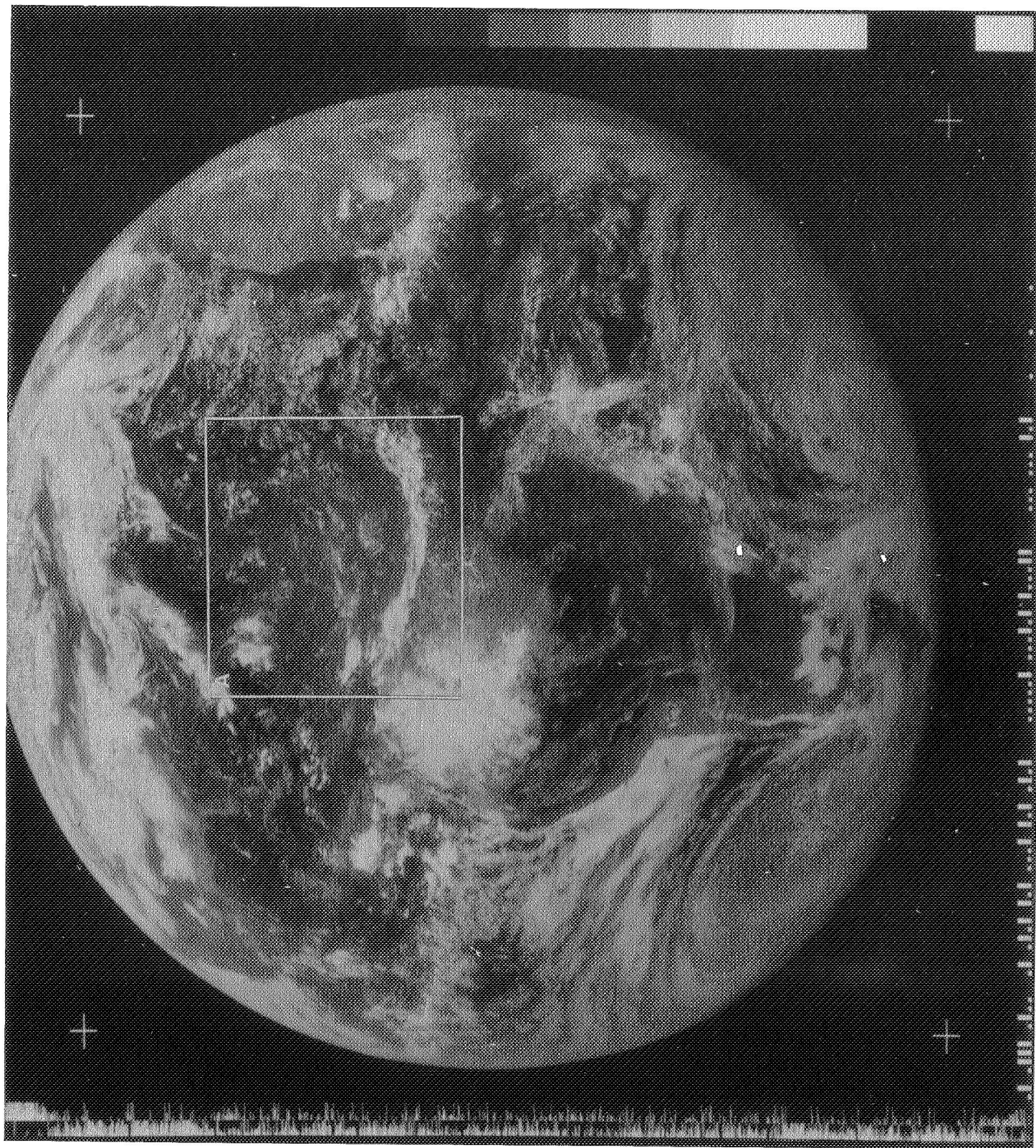
# MSSCC

23 Jun 69

SSP 53.17 W 0.17 S

Seq	End Time	Remarks
1	09 22 19	Half Scan Few Minor Dropouts
2	09 34 58	Half Scan Few Minor Dropouts
3	09 47 44	Half Scan Few Minor Dropouts
4	10 02 22	Half Scan Few Minor Dropouts
5	10 15 19	Half Scan Few Minor Dropouts
6	10 27 58	Half Scan Few Minor Dropouts
7	10 52 12	Half Scan Few Minor Dropouts
8	11 04 55	Half Scan Few Minor Dropouts
9	11 17 57	Half Scan Few Minor Dropouts
10	11 32 36	Half Scan Few Minor Dropouts
11	13 00 14	Half Scan Few Minor Dropouts
12	15 26 27	Sync Problem Bulge Near Central Africa
13	15 51 55	Few Minor Dropouts
14	16 16 24	Few Minor Dropouts
15	17 04 15	Few Minor Dropouts
16	17 29 43	Few Minor Dropouts
17	17 55 32	Few Minor Dropouts A Picture Code at 15° S
18	20 17 10	Half Scan Few Minor Dropouts
19	20 29 47	Half Scan Few Minor Dropouts
20	20 42 26	Half Scan Few Minor Dropouts
21	20 57 04	Half Scan Few Minor Dropouts
22	21 09 55	Half Scan Few Minor Dropouts
23	21 22 36	Half Scan Few Minor Dropouts Sun Glint
24	21 51 24	Half Scan Few Minor Dropouts Sun Glint
25	22 04 01	Half Scan Few Minor Dropouts Sun Glint
26	22 16 43	Half Scan Few Minor Dropouts Sun Glint
27	22 29 23	Half Scan Few Minor Dropouts Sun Glint
28	22 42 08	Half Scan Few Minor Dropouts Sun Glint
29	22 54 51	Half Scan Few Minor Dropouts Sun Glint





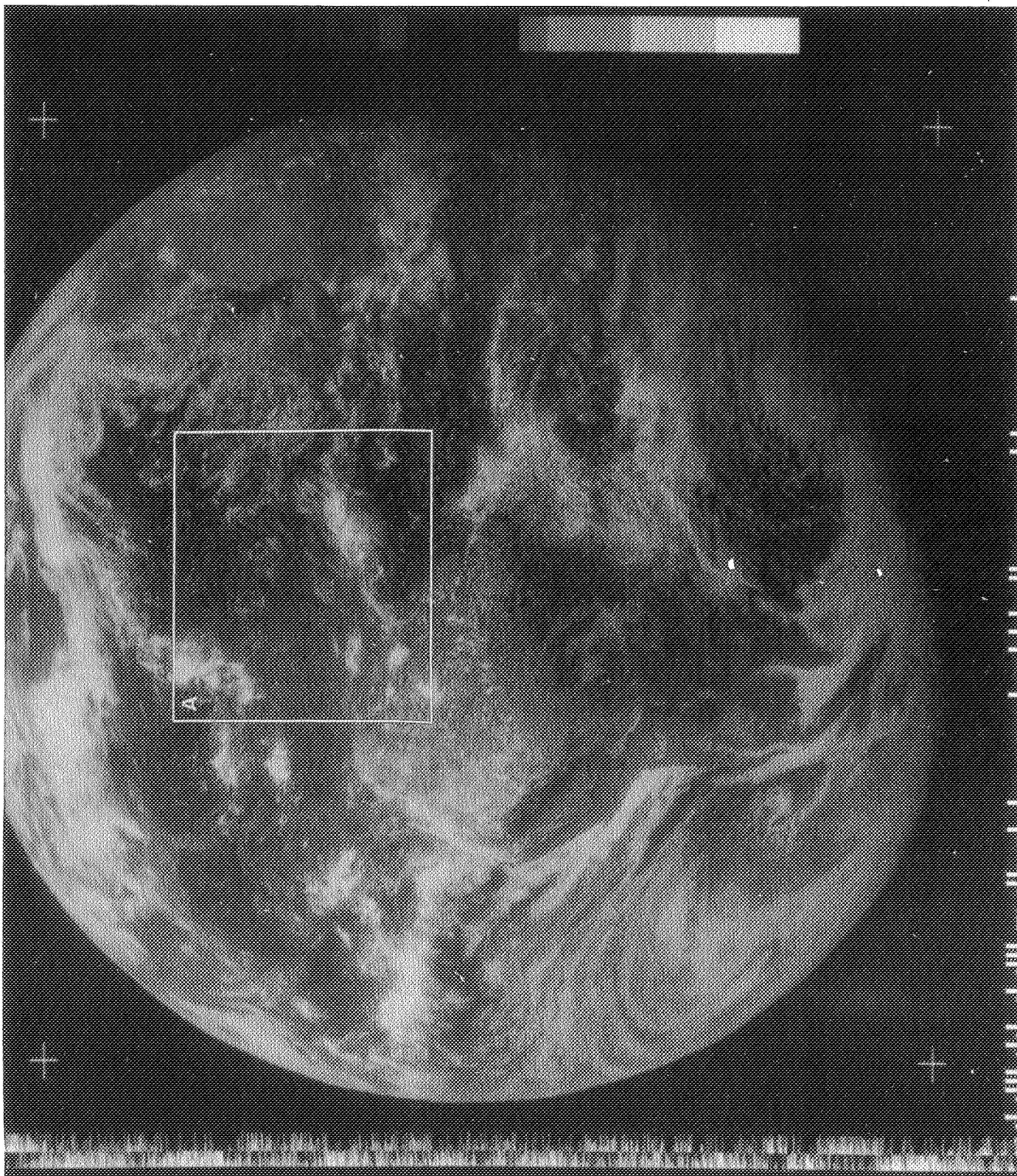
ATS-II MSSCC 23 JUN 69 15 51 55 Z 13

## MSSCC

24 Jun 69

SSP 52.40 W 0.16 S

Seq	End Time	Remarks
1	09 36 39	Half Scan Offset to East Few Minor Dropouts
2	09 51 40	Half Scan Few Minor Dropouts
3	10 07 06	Half Scan Few Minor Dropouts
4	10 20 00	Half Scan Few Minor Dropouts
5	10 51 39	Half Scan Few Minor Dropouts
6	11 04 22	Half Scan Few Minor Dropouts
7	11 17 23	Half Scan Few Minor Dropouts
8	11 33 07	Half Scan Few Minor Dropouts
9	12 51 48	Half Scan Few Minor Dropouts
10	15 18 00	No Data
11	16 10 22	Electronic Interference Picture Good
12	17 06 14	Electronic Interference Picture Fair
13	17 31 39	Electronic Interference Picture Fair
14	17 53 21	Sync Problem Picture Fair
15	20 42 38	Half Scan Slight Sync Problem Picture Good



ATS-III MSSCC 24 JUN 69 17 06 14 Z 12

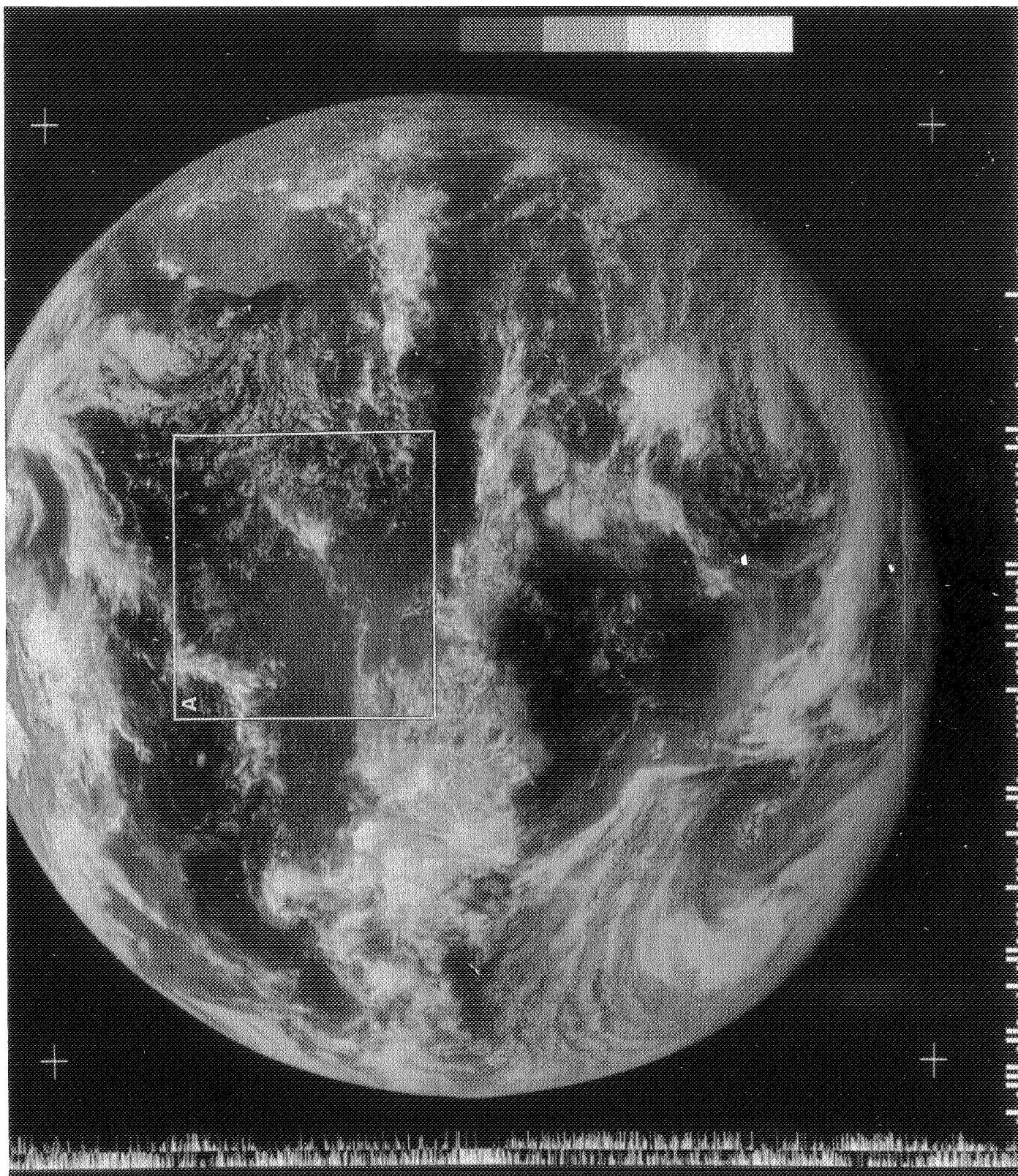


# MSSCC

25 Jun 69

SSP 51.62 W 0.16 S

Seq	End Time	Remarks
1	09 22 33	Half Scan Few Dropouts
2	09 35 16	Half Scan Slight Sync Problem Picture Fair
3	09 47 58	Half Scan Slight Sync Problem Picture Fair
4	10 02 33	Half Scan Slight Sync Problem Picture Fair
5	10 17 17	Half Scan Slight Sync Problem Picture Fair
6	10 30 04	Half Scan Slight Sync Problem Picture Fair
7	10 55 39	Half Scan Slight Sync Problem Picture Fair
8	11 08 45	Half Scan Few Dropouts
9	11 23 53	Half Scan Few Dropouts
10	11 38 43	Half Scan Slight Sync Problem Picture Good
11	16 08 26	Electronic Interference Picture Good
12	16 57 20	Half Scan Sync Problem Picture Poor
13	17 10 14	Half Scan Electronic Interference Picture Fair
14	17 23 14	Half Scan Electronic Interference Picture Fair
15	17 35 56	Half Scan Electronic Interference Picture Fair
16	17 48 36	Half Scan Electronic Interference Picture Fair
17	18 01 15	Half Scan Electronic Interference Picture Fair
18	18 13 55	Half Scan Electronic Interference Picture Fair
19	18 24 30	Half Scan Electronic Interference Dropout
20	18 53 43	Half Scan Electronic Interference Picture Fair
21	19 06 19	Half Scan Electronic Interference Picture Fair
22	19 19 11	Half Scan Electronic Interference Picture Poor
23	19 31 47	Half Scan Electronic Interference Picture Poor
24	19 44 26	Half Scan Electronic Interference Picture Poor
25	19 57 06	Half Scan Electronic Interference Picture Poor
26	20 09 48	Half Scan Electronic Interference Picture Poor
27	20 22 31	Half Scan Electronic Interference Picture Poor
28	20 35 13	Half Scan Electronic Interference Picture Poor
29	20 47 55	Half Scan Electronic Interference Picture Poor
30	21 00 38	Half Scan Electronic Interference Picture Poor
31	21 56 57	Half Scan Electronic Interference Picture Poor
32	22 09 42	Half Scan Electronic Interference Picture Poor
33	22 22 25	Half Scan Electronic Interference Picture Poor
34	22 37 59	Half Scan Electronic Interference Picture Poor
35	22 51 05	Half Scan Electronic Interference Picture Poor
36	23 03 51	Half Scan Electronic Interference Picture Poor
37	23 16 33	Half Scan Electronic Interference Picture Poor
38	23 29 24	Half Scan Electronic Interference Picture Poor
39	23 42 21	Half Scan Electronic Interference Picture Poor
40	23 55 16	Half Scan Electronic Interference Picture Poor



ATS-III MSSCC 25 JUN 69 16 08 26 Z 11

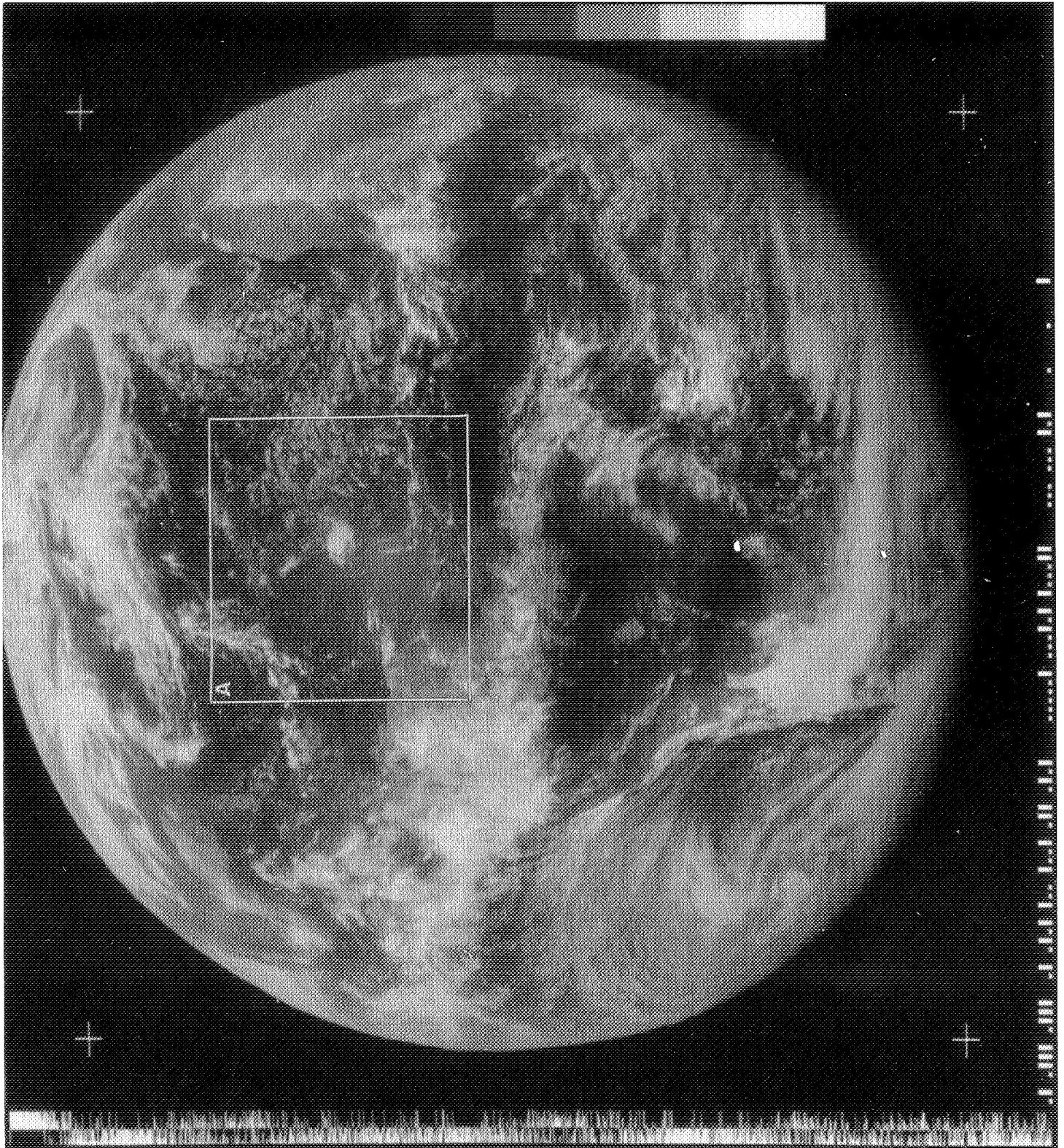
# MSSCC

26 Jun 69

SSP 50.84 W 0.14 S

Seq	End Time	Remarks
1	09 28 38	Half Scan Slight Sync Problem Picture Good
2	09 41 21	Half Scan Slight Sync Problem Picture Good
3	09 54 04	Half Scan Slight Sync Problem Picture Good
4	10 11 24	Half Scan Slight Sync Problem Picture Good
5	10 51 45	Half Scan Slight Sync Problem Picture Good
6	11 04 24	Half Scan Slight Sync Problem Picture Good
7	11 17 07	Half Scan Slight Sync Problem Picture Good
8	11 31 45	Half Scan Noise Picture Poor
9	13 01 05	Half Scan
10	15 24 08	Noise Slight Sync Problem Picture Fair
11	15 49 35	Noise Slight Sync Problem Picture Fair
12	16 15 03	Noise Slight Sync Problem Picture Fair
13	17 16 49	Noise Slight Sync Problem Picture Fair
14	17 42 16	Noise Slight Sync Problem Picture Fair
15	20 22 37	Half Scan Slight Sync Problem Picture Fair
16	20 35 19	Half Scan Slight Sync Problem Picture Fair
17	20 49 57	Half Scan Slight Sync Problem Picture Fair
18	21 02 51	Half Scan Slight Sync Problem Picture Fair
19	21 53 23	Half Scan Slight Sync Problem Picture Fair
20	22 06 03	Half Scan Slight Sync Problem Picture Fair
21	22 18 45	Half Scan Slight Sync Problem Picture Fair
22	22 32 33	Half Scan Slight Sync Problem Picture Fair
23	22 45 27	Half Scan Slight Sync Problem Picture Fair
24	22 58 42	Half Scan Slight Sync Problem Picture Fair





ATS-III MSSCC 26 JUN 69 15 49 35 Z 11

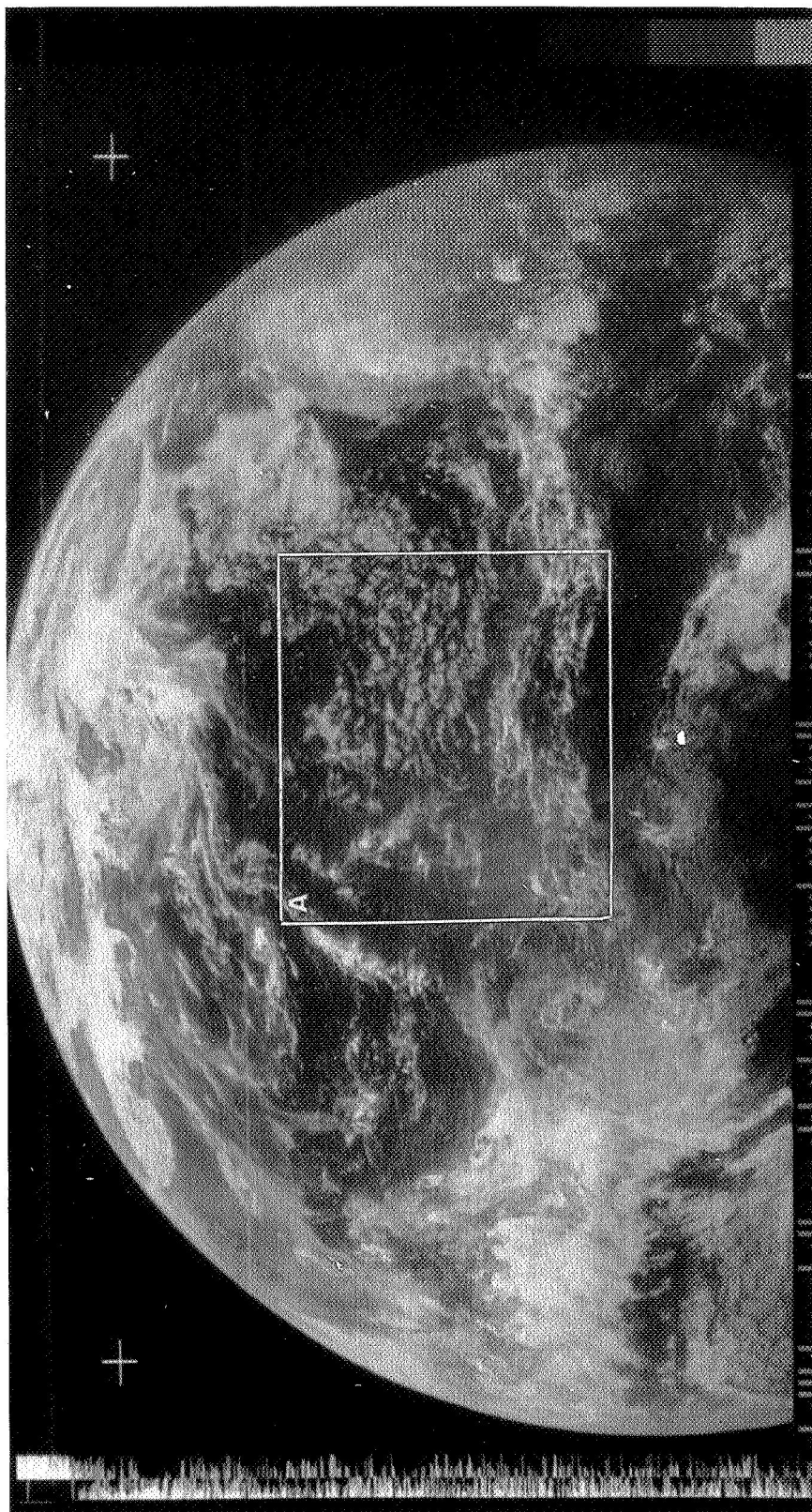
MSSCC

27 Jun 69

SSP 50.07 W 0.14 S

Seq	End Time	Remarks
1	09 29 02	Half Scan Slightly Skewed
2	09 41 41	Half Scan Slightly Skewed
3	09 56 16	Half Scan Slightly Skewed
4	10 09 08	Half Scan Slightly Skewed
5	10 21 51	Half Scan
6	12 54 13	Half Scan Noise Picture Good
7	15 12 28	Half Scan Noise Picture Good
8	15 25 10	Half Scan Noise Picture Good
9	15 37 53	Half Scan Noise Picture Good
10	15 50 29	Half Scan Noise Picture Good
11	16 05 13	Half Scan Noise Picture Good
12	16 18 04	Half Scan Noise Picture Good
13	16 52 35	Half Scan Noise Picture Good
14	17 05 14	Half Scan Noise Picture Good
15	17 18 00	Half Scan Noise Picture Good
16	17 30 42	Half Scan Noise Picture Good
17	17 43 22	Half Scan Slightly Skewed Noise Picture Good
18	17 56 01	Half Scan Slightly Skewed Noise Picture Good
19	18 08 46	Half Scan Slightly Skewed Noise Picture Good
20	18 21 29	Half Scan Slightly Skewed Noise Picture Good
21	18 34 05	Half Scan Slightly Skewed Noise Picture Good
22	18 46 45	Half Scan Slightly Skewed Noise Picture Good
23	18 59 27	Half Scan Slightly Skewed Noise Picture Good
24	19 12 03	Half Scan Slightly Skewed Noise Picture Good
25	19 24 46	Half Scan Slightly Skewed Noise Picture Good
26	19 37 25	Half Scan Slightly Skewed Noise Picture Good
27	19 50 04	Half Scan Slightly Skewed Noise Picture Good
28	20 02 50	Half Scan
29	20 15 32	Half Scan
30	20 28 15	Half Scan
31	20 41 00	Half Scan
32	20 55 38	Half Scan
33	21 56 15	Half Scan
34	22 09 24	Half Scan
35	22 21 49	Half Scan
36	22 34 31	Half Scan
37	22 47 14	Half Scan
38	22 59 59	Half Scan
39	23 12 39	Half Scan
40	23 25 33	Half Scan
41	23 38 15	Half Scan
42	23 50 57	Half Scan





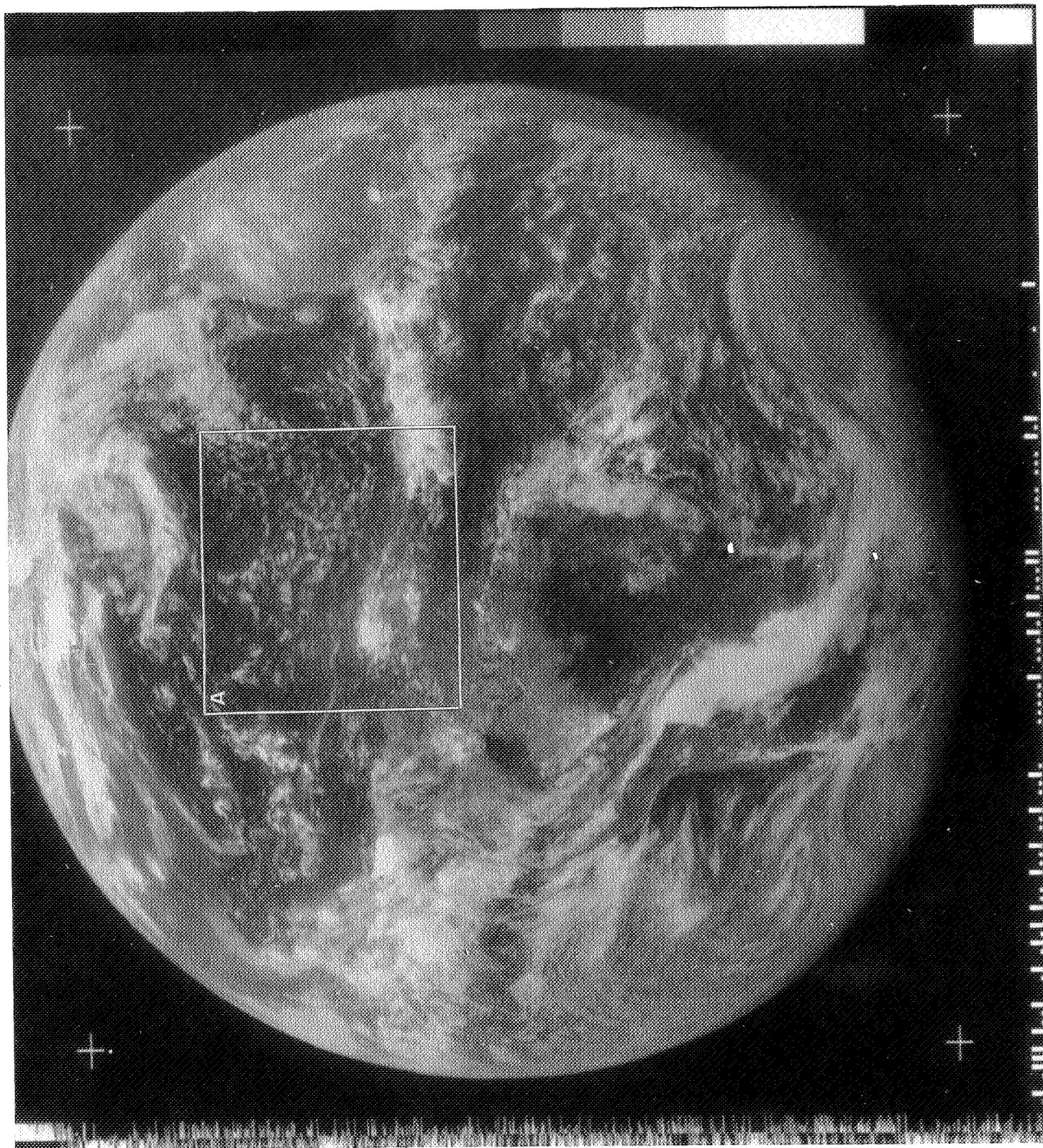
ATS-III MSSCC 27 JUN 69 16 05 13 Z 11

# MSSCC

28 Jun 69

SSP 49.29 W 0.15 S

Seq	End Time	Remarks
1	09 33 20	Half Scan Noise Picture Fair
2	09 46 00	Half Scan Noise Picture Fair
3	10 00 35	Half Scan Noise Picture Fair
4	10 13 26	Half Scan Noise Picture Fair
5	10 26 06	Half Scan Noise Picture Fair
6	10 55 45	Half Scan Noise Picture Fair
7	11 08 28	Half Scan Noise Picture Fair
8	11 21 08	Half Scan Noise Picture Fair
9	11 35 51	Half Scan Noise Picture Good
10	12 54 22	Half Scan Noise Picture Good
11	15 23 45	Noise Picture Fair
12	15 49 12	Noise Picture Fair
13	16 14 40	Noise Picture Fair
14	17 05 35	Noise Dropouts Picture Fair
15	17 47 16	Noise Dropouts Picture Fair
16	20 19 33	Half Scan Noise Picture Fair
17	20 32 27	Half Scan Noise Picture Fair
18	20 47 05	Half Scan Noise Picture Fair
19	21 00 00	Half Scan Noise Picture Fair
20	21 12 42	Half Scan Noise Picture Fair
21	21 54 02	Half Scan Noise Picture Fair
22	22 06 44	Half Scan Noise Picture Fair
23	22 19 23	Half Scan Noise Picture Fair
24	22 32 06	Half Scan Noise Picture Fair
25	22 44 48	Half Scan Noise Picture Fair
26	22 57 30	Half Scan Noise Picture Fair



ATS-III MSSCC 28 JUN 69 15 49 12 Z 12

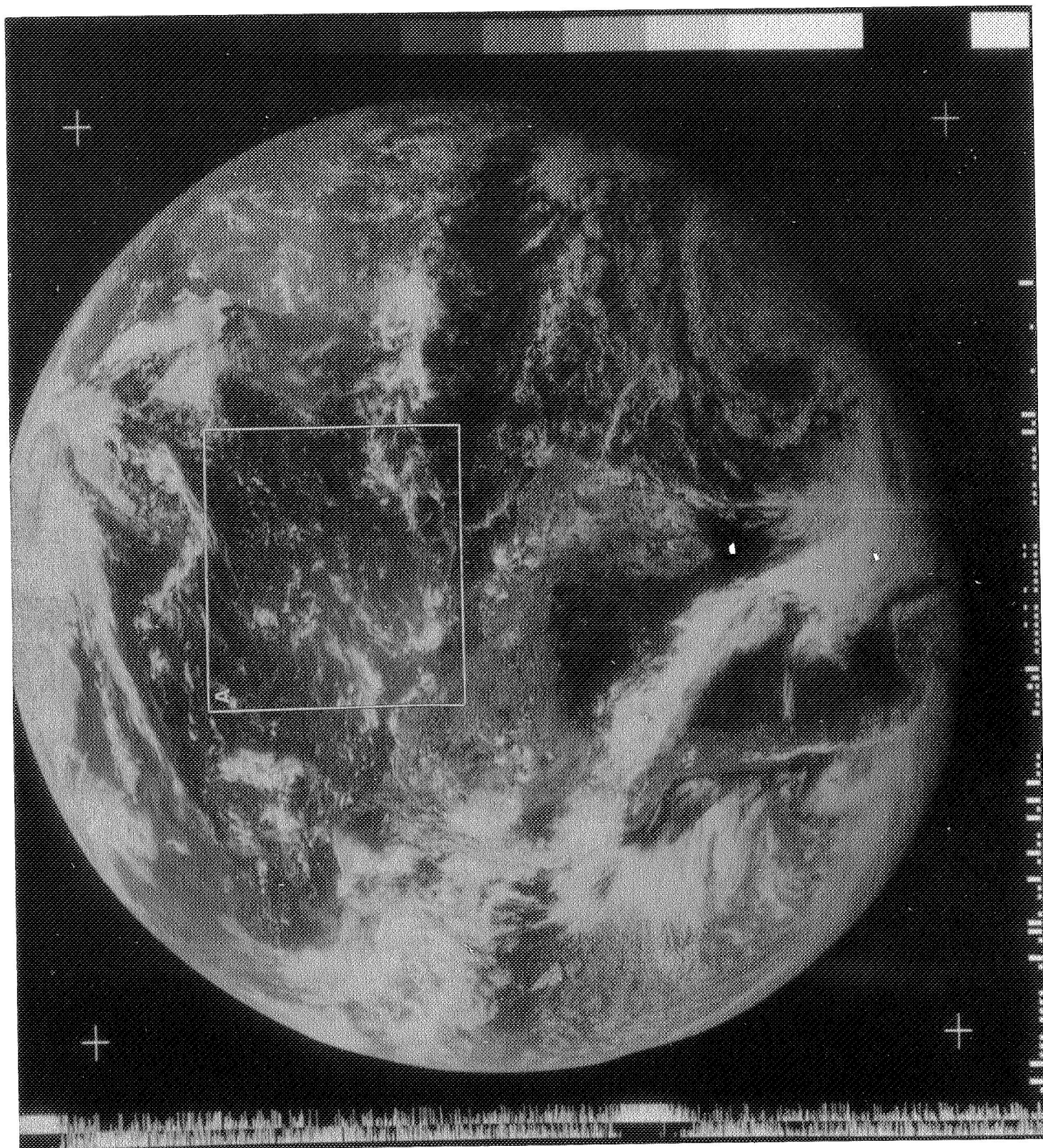
# MSSCC

29 Jun 69

SSP 48.52 W 0.15 S

Seq	End Time	Remarks
1	10 03 39	Half Scan Noise Picture Fair
2	10 16 30	Half Scan Noise Picture Fair
3	10 29 10	Half Scan Noise Picture Fair
4	10 53 32	Half Scan Noise Picture Fair
5	11 06 12	Half Scan Noise Picture Fair
6	11 18 51	Half Scan Noise Picture Fair
7	11 33 26	Half Scan Noise Picture Fair
8	12 56 42	Half Scan Noise Picture Fair
9	15 24 05	Noise Picture Fair
10	15 49 30	Noise Picture Fair
11	16 14 58	Noise Picture Fair
12	17 05 53	Noise Picture Fair
13	17 31 21	Noise Picture Fair
14	17 56 48	Noise Picture Fair
15	20 14 33	Half Scan Sun Glint Sync Problem Picture Fair
16	20 27 15	Half Scan Sun Glint Sync Problem Picture Fair
17	20 39 58	Half Scan Sun Glint Sync Problem Picture Fair
18	20 54 36	Half Scan Sun Glint Sync Problem Picture Fair
19	21 07 27	Half Scan Sun Glint Sync Problem Picture Fair
20	21 53 06	Half Scan Sun Glint Sync Problem Picture Fair
21	22 05 48	Half Scan Sun Glint Sync Problem Picture Fair
22	22 18 30	Half Scan Sun Glint Sync Problem Picture Fair
23	22 31 16	Half Scan Sun Glint Sync Problem Picture Fair
24	22 43 58	Half Scan Sun Glint Sync Problem Picture Fair
25	22 56 41	Half Scan Sun Glint Sync Problem Picture Fair





ATS-III MSSCC 29 JUN 69 16 14 58 Z 11

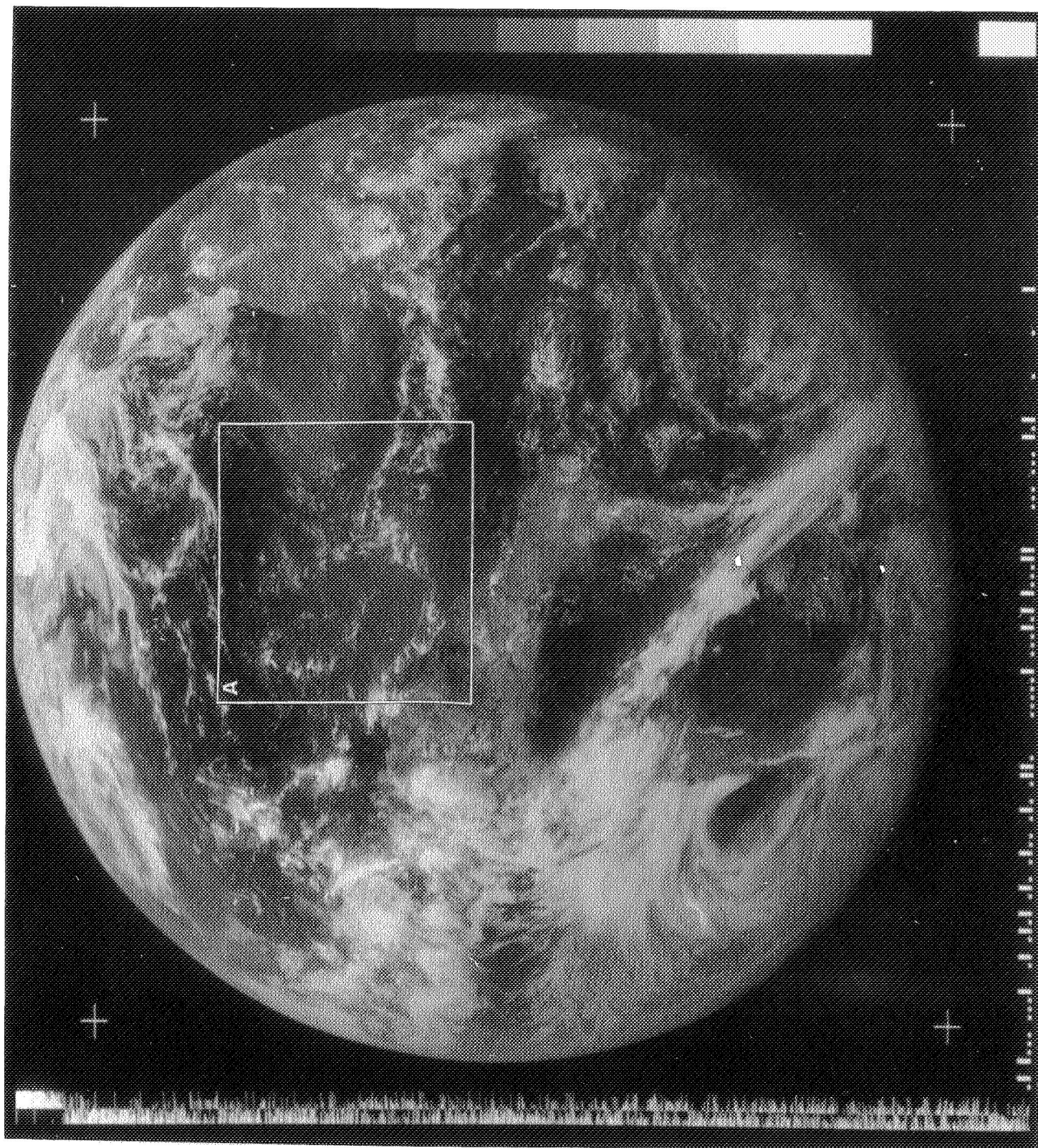


# MSSCC

30 Jun 69

SSP 47.75 W 0.15 S

Seq	End Time	Remarks
1	09 16 58	Half Scan Noise Picture Fair
2	09 29 41	Half Scan Noise Picture Fair
3	09 42 20	Half Scan Noise Picture Fair
4	09 56 59	Half Scan Noise Picture Fair
5	10 10 07	Half Scan Noise Picture Fair
6	10 22 47	Half Scan Noise Picture Fair
7	10 56 56	Half Scan Noise Picture Fair
8	11 09 36	Half Scan Noise Picture Fair
9	11 22 16	Half Scan Noise Picture Fair
10	11 36 48	Half Scan Noise Picture Fair
11	12 53 38	Half Scan Noise Picture Fair
12	15 24 26	Noise Picture Good
13	15 49 50	Noise Picture Good
14	16 24 45	Noise Picture Good
15	17 04 18	Noise Picture Good
16	17 29 46	Noise Picture Good
17	17 55 14	Noise Picture Good
18	20 33 09	Half Scan Noise Sun Glint Picture Fair
19	20 45 51	Half Scan Noise Sun Glint Picture Fair
20	21 06 37	Half Scan Noise Sun Glint Picture Fair
21	21 54 43	Half Scan Noise Sun Glint Picture Fair
22	22 07 25	Half Scan Noise Sun Glint Picture Fair
23	22 20 08	Half Scan Noise Sun Glint Picture Fair
24	22 32 50	Half Scan Noise Sun Glint Picture Fair
25	22 45 33	Half Scan Noise Sun Glint Picture Fair
26	22 58 42	Half Scan Noise Sun Glint Picture Fair



ATS-III MSSCC 30 JUN 69 15 24 26 Z 12

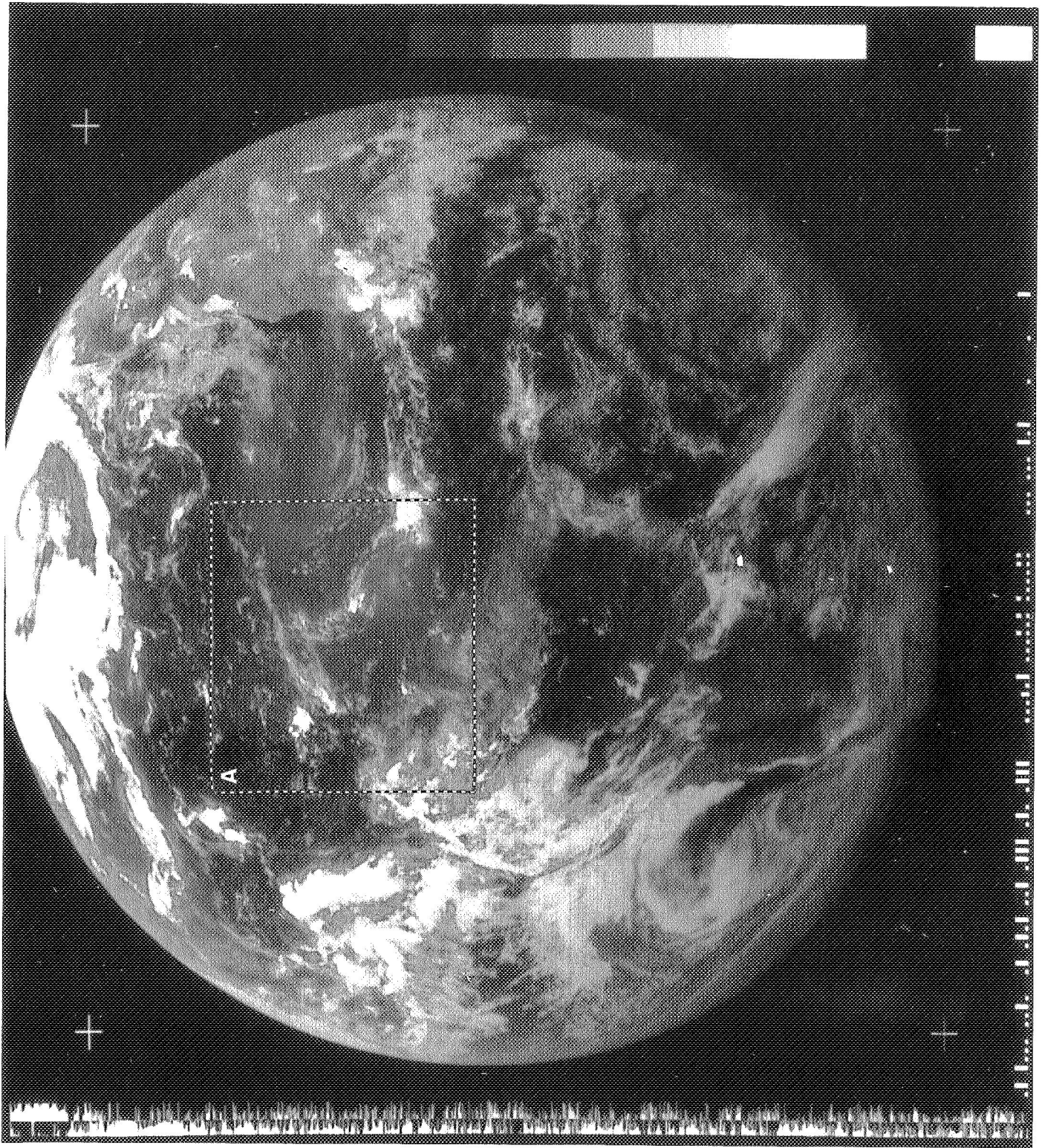
# MSSCC

1 Jul 69

SSP 46.98 W 0.16 S

Seq	End Time	Remarks
1	09 21 10	Half Scan Noise Picture Fair
2	09 33 50	Half Scan Noise Picture Fair
3	09 46 29	Half Scan Noise Picture Fair
4	10 01 04	Half Scan Noise Picture Fair
5	10 13 56	Half Scan Noise Picture Fair
6	10 26 35	Half Scan Noise Picture Fair
7	10 54 32	Half Scan Noise Picture Fair
8	11 07 14	Half Scan Noise Picture Fair
9	11 19 56	Half Scan Noise Picture Fair
10	11 34 31	Half Scan Noise Picture Fair
11	12 53 05	Half Scan Noise Picture Good
12	13 05 48	Half Scan Noise Picture Good
13	13 46 17	Half Scan Noise Picture Good
14	14 05 18	Half Scan Noise Picture Fair Bottom Skewed
15	15 17 27	Noise Picture Good
16	15 43 01	Noise Picture Good
17	16 08 41	Noise Picture Fair
18	17 09 41	Noise Picture Fair
19	17 35 18	Noise Picture Fair
20	17 49 18	Half Scan Noise Picture Fair





ATS-III MSSCC 1 JUL 69 15 17 27 Z 15

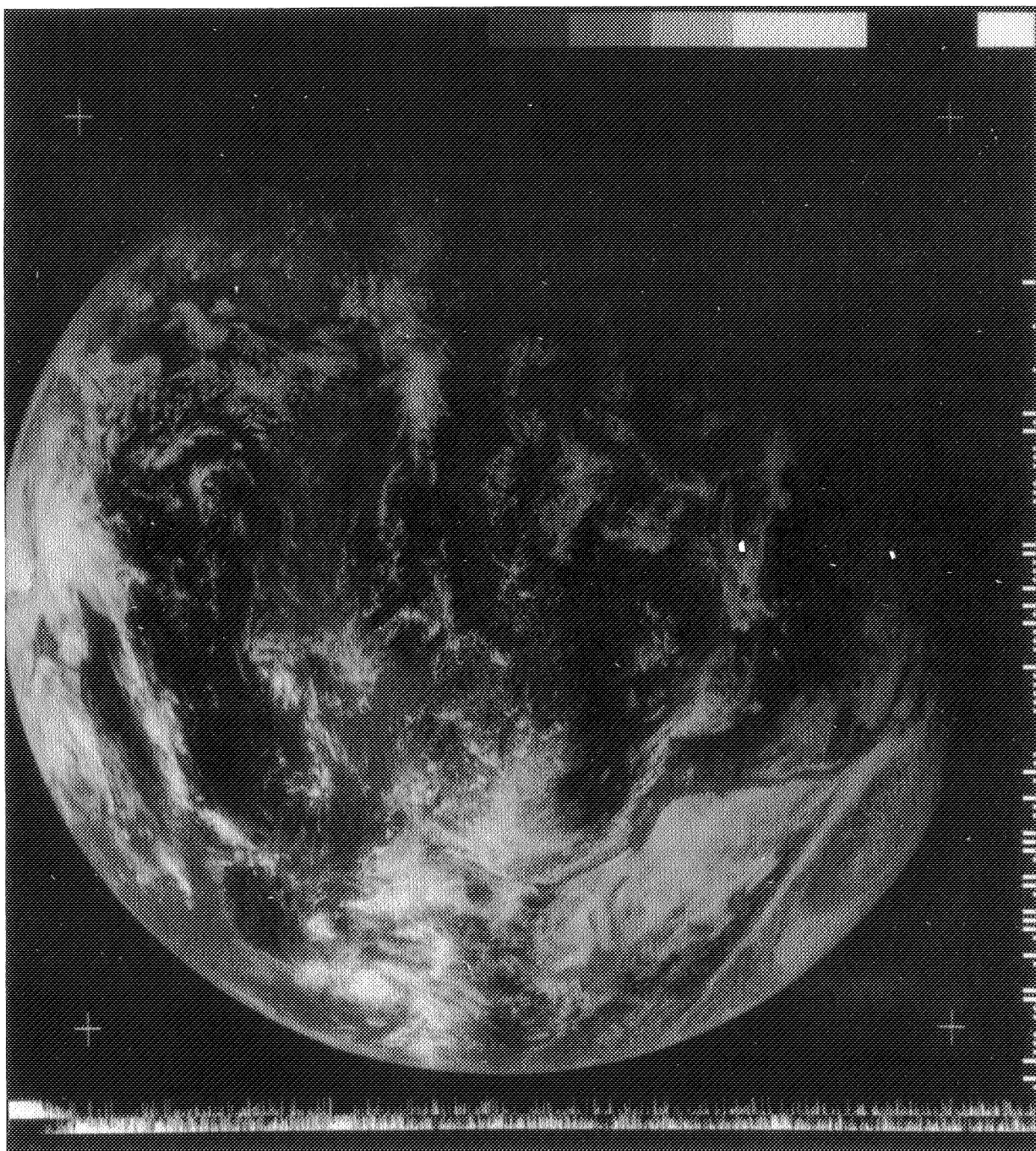
# MSSCC

2 Jul 69

SSP 46.87 W 0.19 S

Seq	End Time	Remarks
1	09 31 31	Half Scan Noise Picture Fair
2	09 44 13	Half Scan Noise Picture Fair
3	09 58 54	Half Scan Noise Picture Fair
4	10 11 52	Half Scan Noise Picture Fair
5	10 24 37	Half Scan Noise Picture Fair
6	10 55 31	Half Scan Noise Picture Fair
7	11 08 19	Half Scan Noise Picture Fair
8	11 21 05	Half Scan Noise Picture Fair
9	11 35 46	Half Scan Noise Picture Fair
10	12 53 22	Half Scan Noise Picture Fair
11	15 29 23	Sync Problem Near South End Portion Missing
12	15 54 53	Sync Problem Near South End Portion Missing
13	16 23 51	Noise Tropical Depression South of Mexico
14	17 11 37	Noise Tropical Depression South of Mexico
15	17 37 14	Noise Tropical Depression South of Mexico
16	18 02 47	Noise Tropical Depression South of Mexico
17	20 23 33	Half Scan Noise Tropical Depression Visible
18	20 36 19	Half Scan Noise Tropical Depression Visible
19	20 49 07	Half Scan Noise Tropical Depression Visible
20	21 03 47	Half Scan Noise Tropical Depression Visible
21	21 17 12	Half Scan Noise Tropical Depression Visible
22	21 52 44	Half Scan Noise Tropical Depression Visible
23	22 05 49	Half Scan Noise Tropical Depression Visible
24	22 18 33	Half Scan Noise Tropical Depression Visible
25	22 31 19	Half Scan Noise Tropical Depression Visible
26	22 44 04	Half Scan Noise Tropical Depression Visible
27	22 56 49	Half Scan Noise Tropical Depression Visible





ATS-III MSSCC 2 JUL 69 17 37 14 Z 15

# MSSCC

3 Jul 69

SSP 46.74 W 0.20 S

Seq	End Time	Remarks
1	09 49 07	Half Scan Noise Picture Fair
2	10 03 51	Half Scan Noise Picture Fair
3	10 16 48	Half Scan Noise Picture Fair
4	10 29 34	Half Scan Noise Picture Fair
5	10 55 16	Half Scan Noise Picture Fair
6	11 08 02	Half Scan Noise Picture Fair
7	11 20 47	Half Scan Noise Picture Fair
8	11 35 28	Half Scan Noise Picture Fair
9	12 52 45	Half Scan Noise Picture Good
10	15 40 25	Half Scan Noise Picture Good
11	16 41 12	Tropical Storm Ava Visible Noise Picture Good
12	17 06 49	Tropical Storm Ava Visible Noise Picture Fair
13	17 32 26	Tropical Storm Ava Visible Noise Picture Fair
14	17 57 59	Tropical Storm Ava Visible Noise Picture Fair
15	20 20 15	Half Scan Tropical Storm Ava Noise Picture Fair
16	20 33 00	Half Scan Tropical Storm Ava Noise Picture Fair
17	20 45 43	Half Scan Tropical Storm Ava Noise Picture Fair
18	20 59 45	Half Scan Tropical Storm Ava Noise Picture Fair
19	21 14 41	Half Scan Tropical Storm Ava Noise Picture Fair
20	21 50 30	Half Scan Code in Picture Noise Ava Visible
21	22 04 13	Half Scan Ava Visible Noise Picture Fair
22	22 16 41	Half Scan Ava Visible Noise Picture Fair
23	22 29 26	Half Scan Ava Visible Noise Picture Fair
24	22 42 12	Half Scan Ava Visible Noise Picture Fair
25	22 54 56	Half Scan Ava Visible Noise Picture Fair



ATS-III MSSCC 3 JUL 69 16 41 12 Z 11

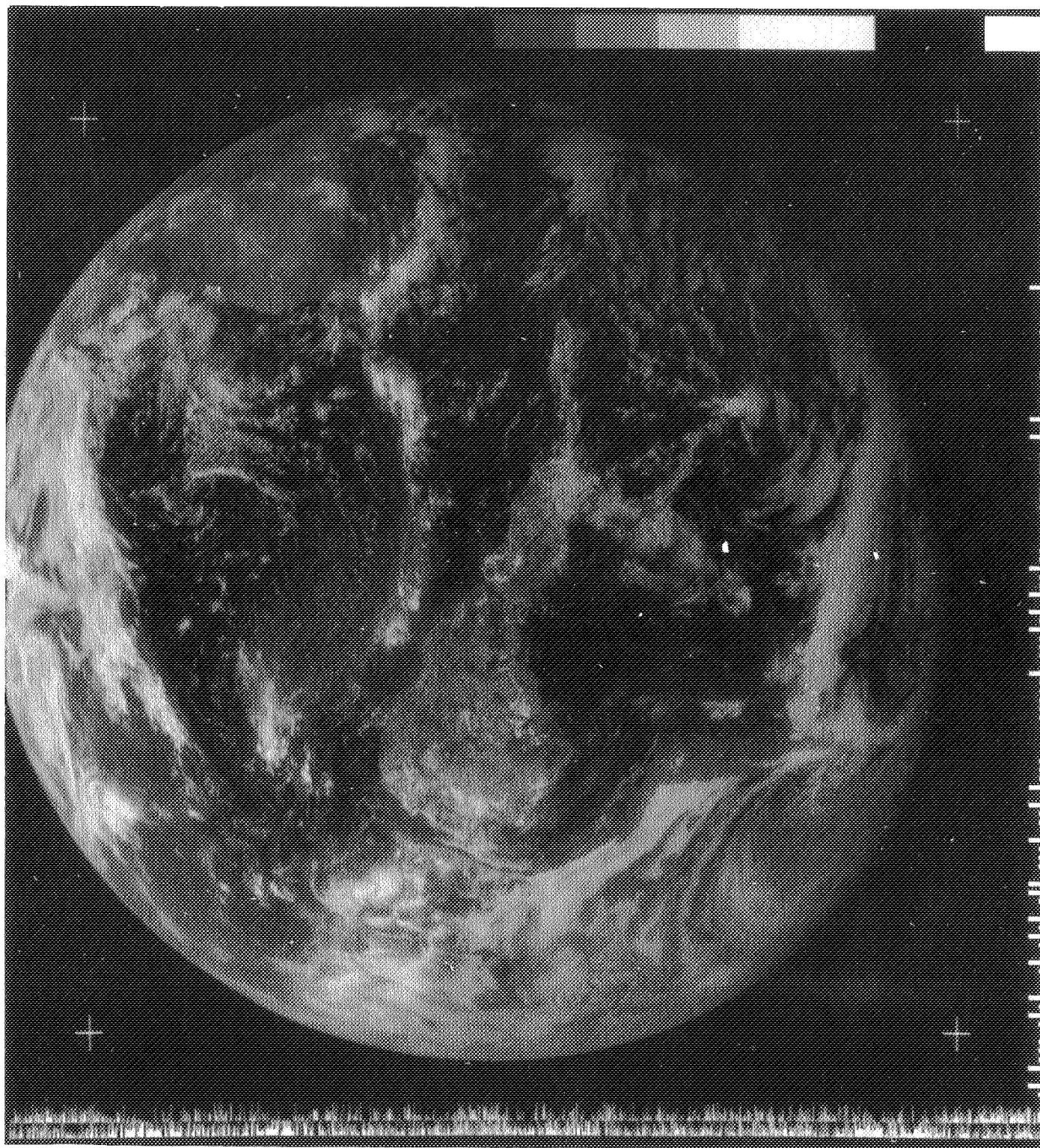
# MSSCC

4 July 69

SSP 46.61 W 0.20 S

Seq	End Time	Remarks
1	09 34 44	Half Scan Noise Picture Fair
2	09 47 32	Half Scan Noise Picture Fair
3	10 00 17	Half Scan Noise Picture Fair
4	10 13 03	Half Scan Noise Picture Fair
5	10 26 06	Half Scan Noise Picture Fair
6	10 38 58	Half Scan Noise Picture Fair
7	10 53 38	Half Scan Noise Picture Fair
8	11 06 33	Half Scan Noise Picture Good
9	11 21 17	Half Scan Noise Picture Good
10	12 52 48	Half Scan Noise Picture Fair
11	15 31 18	Noise Picture Fair
12	15 56 49	Noise Picture Fair
13	16 22 25	Noise Picture Fair
14	17 04 35	Noise Picture Fair
15	17 30 12	Noise Picture Fair
16	17 55 49	Noise Picture Fair
17	20 20 27	Half Scan Noise Picture Fair Sun Glint
18	20 33 12	Half Scan Noise Picture Fair Sun Glint
19	20 45 55	Half Scan Noise Picture Fair Sun Glint
20	21 00 35	Half Scan Noise Picture Fair Sun Glint
21	21 52 24	Half Scan Noise Picture Fair Sun Glint
22	22 05 10	Half Scan Noise Picture Fair Sun Glint
23	22 17 52	Half Scan Noise Picture Fair Sun Glint
24	22 30 34	Half Scan Noise Picture Fair Sun Glint
25	22 43 29	Half Scan Noise Picture Fair Sun Glint
26	22 56 16	Half Scan Noise Picture Fair Sun Glint





ATS-III MSSCC 4 JUL 69 15 31 18 Z 11

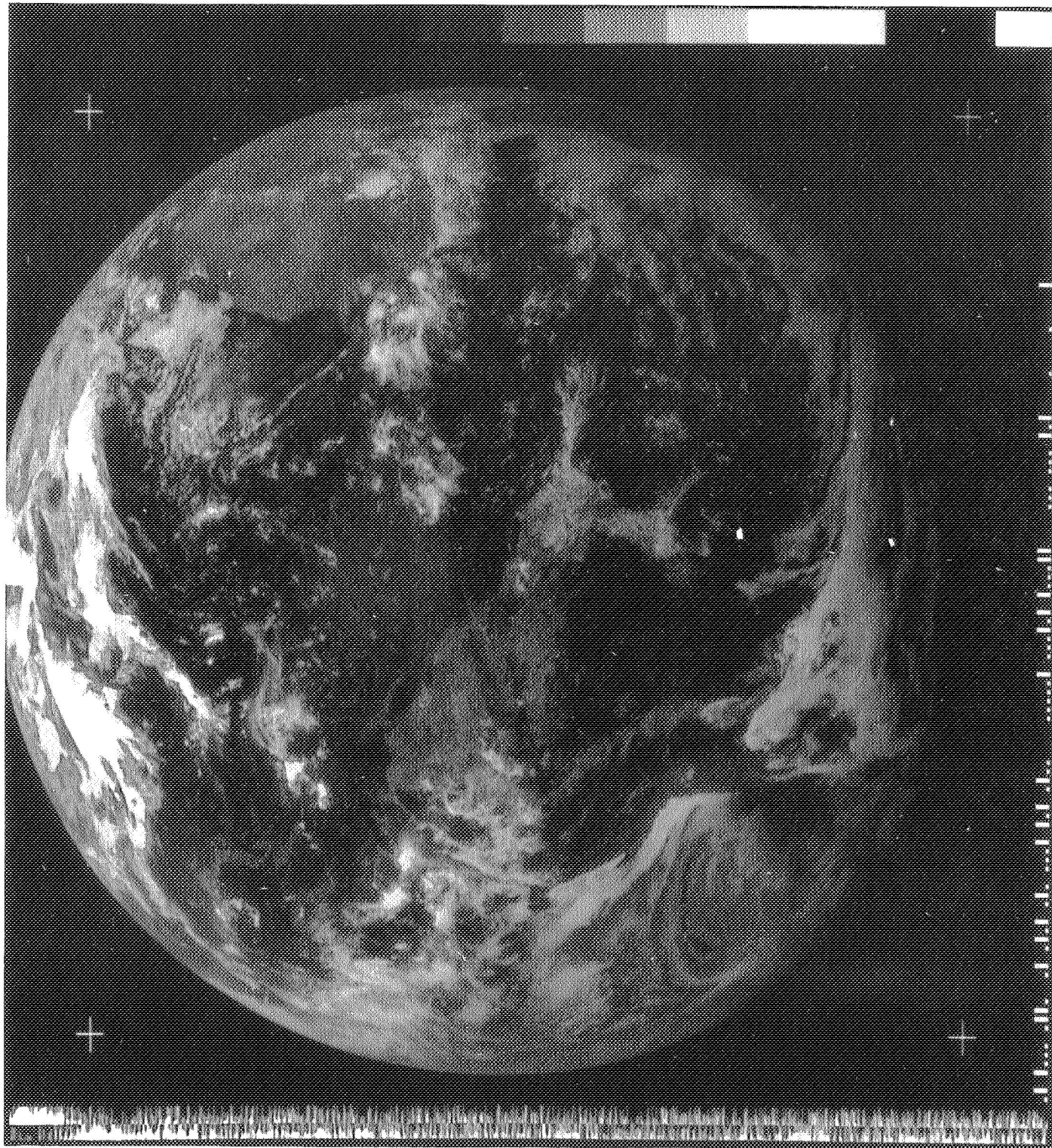


# MSSCC

5 Jul 69

SSP 46.48 W 0.21 S

Seq	End Time	Remarks
1	09 32 54	Half Scan Noise Picture Fair
2	09 45 39	Half Scan Noise Out of Focus
3	09 58 37	Half Scan Noise Picture Fair
4	10 11 25	Half Scan Noise Picture Fair
5	10 24 17	Half Scan Noise Picture Fair
6	10 37 02	Half Scan Noise Picture Fair
7	10 51 34	Half Scan Noise Picture Fair
8	11 04 40	Half Scan Noise Picture Fair
9	11 19 21	Half Scan Noise Picture Fair
10	12 55 49	Half Scan Noise Picture Good
11	15 21 54	Noise Picture Good
12	15 47 31	Noise Picture Good
13	16 13 08	Noise Picture Good
14	17 06 08	Noise Picture Good
15	17 31 45	Noise Picture Good
16	17 57 18	Noise Picture Good
17	20 21 11	Half Scan Noise Picture Fair
18	20 33 57	Half Scan Noise Picture Fair Sun Glint
19	20 46 42	Half Scan Noise Picture Fair Sun Glint
20	21 03 07	Half Scan Noise Picture Fair Sun Glint
21	21 16 01	Half Scan Noise Picture Fair Sun Glint
22	21 54 23	Half Scan Noise Picture Fair Sun Glint
23	22 08 20	Half Scan Noise Picture Fair Sun Glint
24	22 21 11	Half Scan Noise Picture Fair Sun Glint
25	22 33 53	Half Scan Noise Picture Fair Sun Glint
26	22 46 36	Half Scan Noise Picture Fair Sun Glint
27	22 59 23	Half Scan Noise Picture Fair Sun Glint



ATS-III MSSCC 5 JUL 69 15 21 54 Z 11

# MSSCC

6 Jul 69

SSP 46.35W 0.21S

Seq	End Time	Remarks
1	09 30 38	Half Scan Noise Picture Fair
2	09 43 26	Half Scan Noise Picture Fair
3	09 56 12	Half Scan Noise Picture Fair
4	10 08 54	Half Scan Noise Picture Fair
5	10 21 42	Half Scan Noise Picture Fair
6	10 34 28	Half Scan Noise Picture Fair
7	10 49 20	Half Scan Noise Picture Fair
8	11 02 18	Half Scan Noise Picture Fair
9	11 17 13	Half Scan Noise Picture Fair
10	12 53 24	Half Scan Noise Picture Fair
11	15 23 08	Noise Picture Fair
12	15 48 45	Noise Picture Fair
13	16 14 19	Noise Picture Fair
14	17 05 35	Noise Picture Fair Slight Sync Problem
15	17 31 06	Noise Picture Fair Slight Sync Problem
16	17 56 43	Noise Picture Fair Slight Sync Problem
17	20 21 41	Half Scan Noise Picture Fair Sun Glint
18	20 34 23	Half Scan Noise Picture Fair Sun Glint
19	20 47 06	Half Scan Noise Picture Fair Sun Glint
20	21 01 44	Half Scan Noise Picture Fair Sun Glint
21	21 14 38	Half Scan Noise Picture Fair Sun Glint
22	21 52 57	Half Scan Noise Picture Fair Sun Glint
23	22 05 40	Half Scan Noise Picture Fair Sun Glint
24	22 18 22	Half Scan Noise Picture Fair Sun Glint
25	22 31 04	Half Scan Noise Picture Fair Sun Glint
26	22 43 47	Half Scan Noise Picture Fair Sun Glint
27	22 56 31	Half Scan Noise Picture Fair Sun Glint



ATS-III MSSCC 6 JUL 69 15 23 08 Z 11



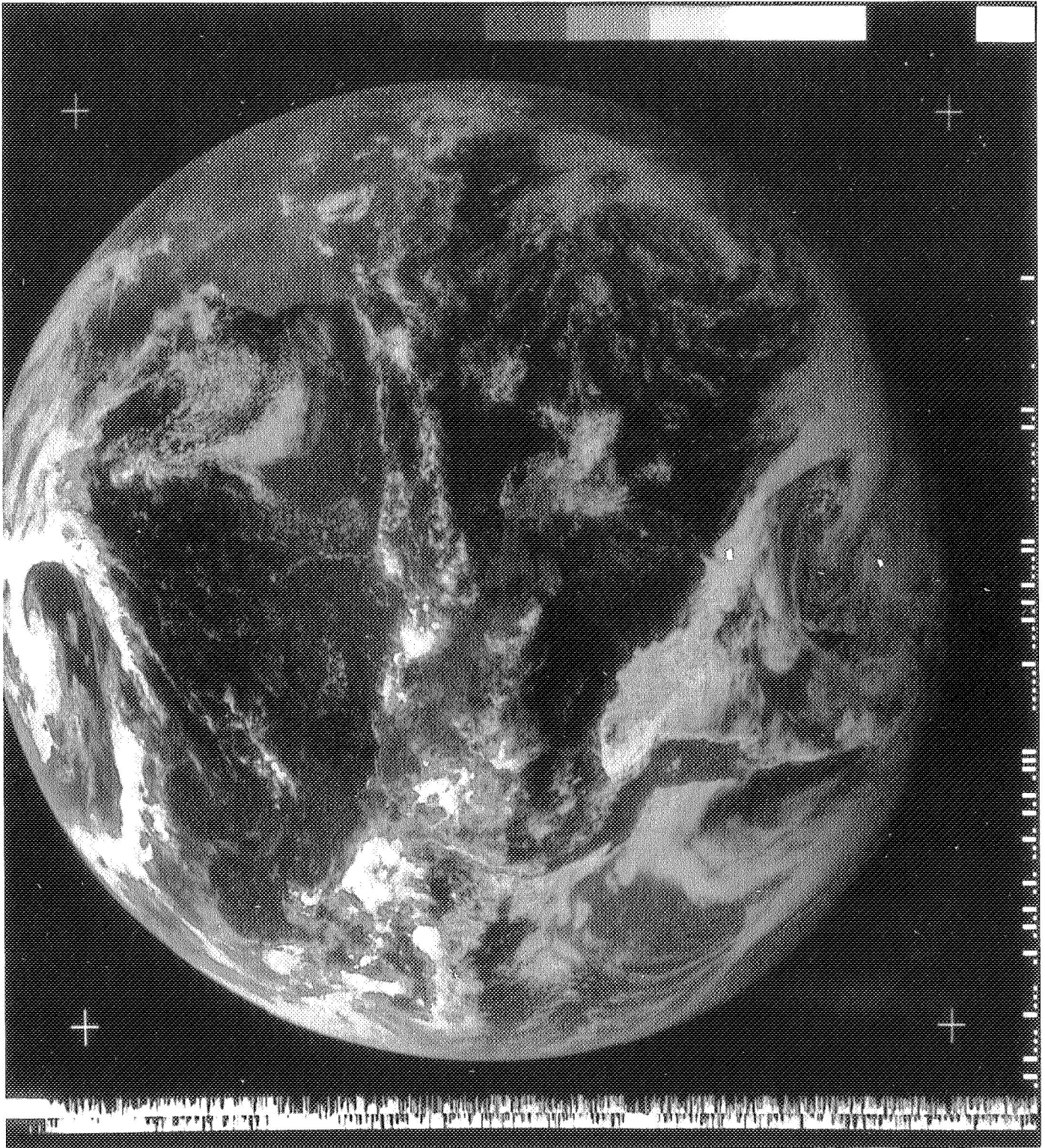
# MSSCC

7 Jul 69

SSP 46.22 W 0.21 S

Seq	End	Time	Remarks
1	09	44 55	No Data
2	09	57 41	Half Scan Noise Picture Fair
3	10	10 23	Half Scan Noise Picture Fair
4	10	23 11	Half Scan Noise Picture Fair
5	10	35 56	Half Scan Noise Picture Fair
6	10	50 38	
7	11	03 35	Half Scan Noise Picture Fair
8	11	18 22	Half Scan Noise Picture Fair
9	12	55 22	
10	15	22 57	Noise Slight Sync Problem Picture Good
11	15	48 37	Noise Slight Sync Problem Picture Good
12	16	14 05	Noise Slight Sync Problem Picture Good
13	17	05 17	
14	17	30 54	Noise Slight Sync Problem Picture Fair
15	17	56 31	Noise Slight Sync Problem Picture Fair
16	20	13 41	Half Scan Noise Sun Glint Picture Fair
17	20	26 23	Half Scan Noise Sun Glint Picture Fair
18	20	39 05	Half Scan Noise Sun Glint Picture Fair
19	20	51 54	Half Scan Noise Sun Glint Picture Fair
20	21	06 32	Half Scan Noise Sun Glint Picture Fair
21	21	19 28	Half Scan Noise Sun Glint Picture Fair
22	21	51 55	Half Scan Noise Sun Glint Picture Fair
23	22	04 37	Half Scan Noise Sun Glint Picture Fair
24	22	17 23	Half Scan Noise Sun Glint Picture Fair
25	22	30 08	Half Scan Noise Sun Glint Picture Fair
26	22	42 50	Half Scan Noise Sun Glint Picture Fair
27	22	55 34	Half Scan Noise Sun Glint Picture Fair





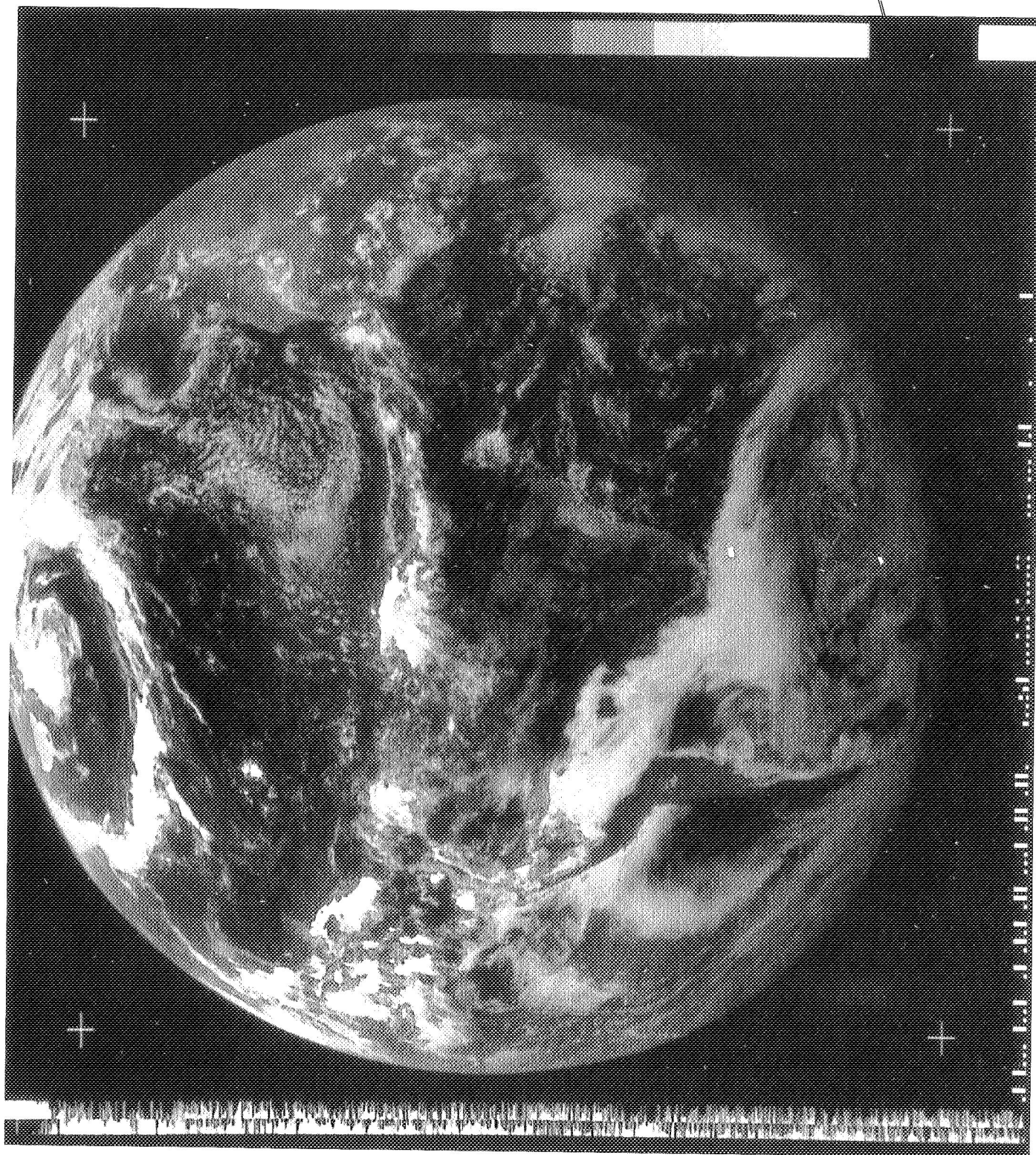
ATS-III MSSCC 7 JUL 69 15 22 57 Z 10

# MSSCC

8 Jul 69

SSP 46.10 W 0.21 S

Seq	End Time	Remarks
1	15 31 36	Noise Picture Good
2	15 57 13	Noise Picture Good
3	16 22 49	Noise Picture Good
4	17 07 43	Noise Picture Good
5	17 33 19	Noise Picture Good
6	17 58 56	Noise Picture Good
7	20 21 59	Half Scan Noise Picture Fair
8	20 34 44	Half Scan Noise Sun Glint Picture Fair
9	20 47 32	Half Scan Sync Problem Noise Picture Poor
10	21 02 14	Half Scan Noise Sun Glint Picture Fair
11	21 15 14	Half Scan Noise Sun Glint Picture Fair
12	21 28 00	No Data
13	22 44 37	No Data
14	22 57 24	Half Scan Noise Sun Glint Picture Fair



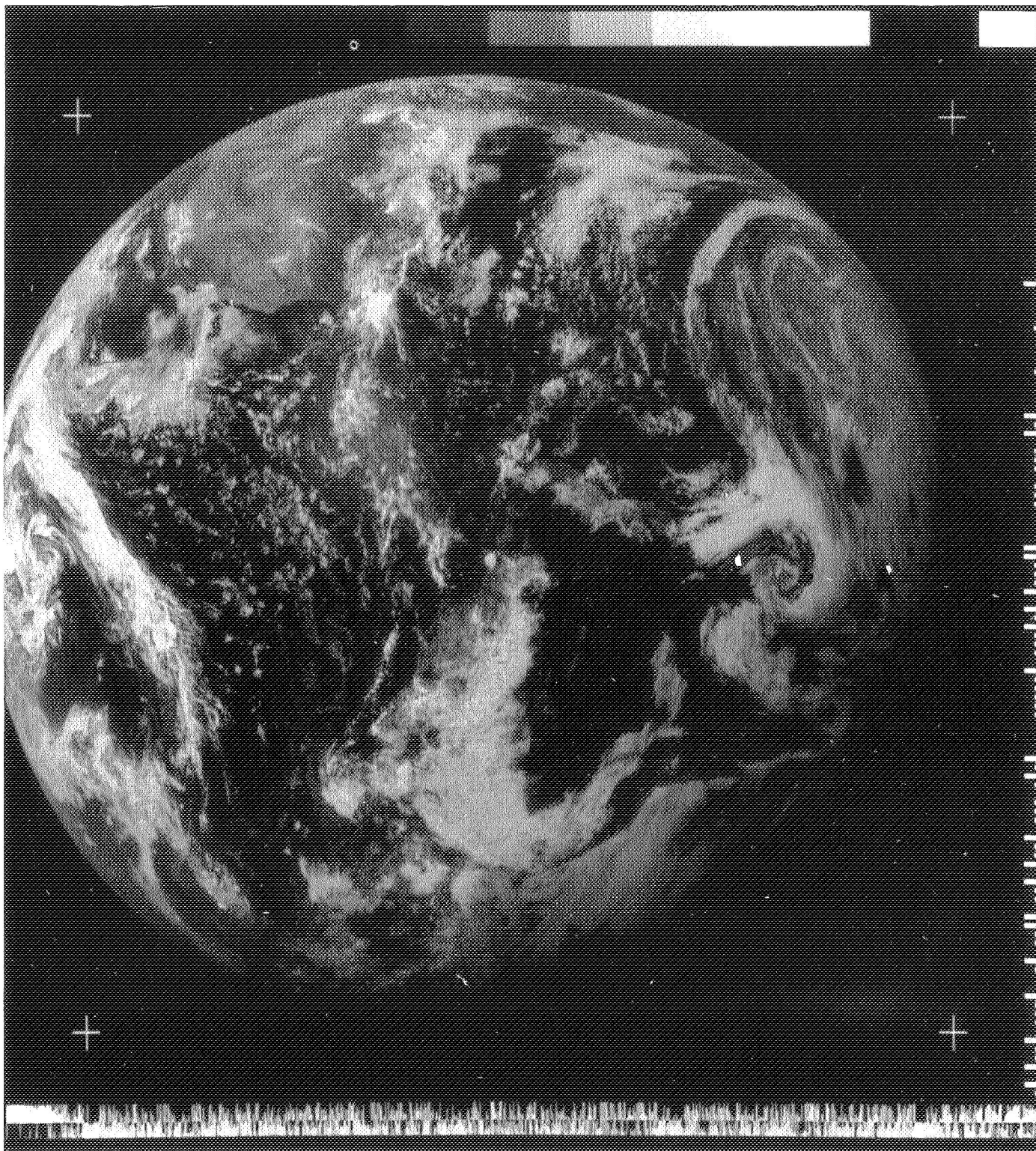
# MSSCC

10 Jul 69

SSP 45.84 W 0.21 S

Seq	End Time	Remarks
1	09 30 08	Half Scan Noise Picture Fair
2	09 42 50	Half Scan Noise Picture Fair
3	09 55 39	Half Scan Noise Picture Fair
4	10 08 24	Half Scan Noise Picture Fair
5	10 21 13	Half Scan Noise Picture Fair
6	10 34 01	Half Scan Noise Picture Fair
7	10 46 46	Half Scan Noise Picture Fair
8	10 59 41	Half Scan Noise Picture Fair
9	11 12 29	Half Scan Noise Picture Fair
10	11 25 11	Half Scan Noise Picture Fair
11	11 37 56	Half Scan Noise Picture Fair
12	12 02 18	Noise Picture Fair
13	12 27 55	Noise Picture Fair
14	12 53 29	Noise Picture Fair
15	13 19 05	Noise Picture Fair
16	19 18 33	Half Scan
17	19 31 18	Half Scan
18	19 44 07	Half Scan
19	19 56 49	No Data
20	20 09 34	No Data
21	20 22 32	Half Scan Slight Sync Problem
22	20 35 26	No Data
23	20 48 23	Half Scan Slight Sync Problem
24	21 01 34	Half Scan Slight Sync Problem





ATS-III MSSCC 10 JUL 69 13 19 05 Z 15

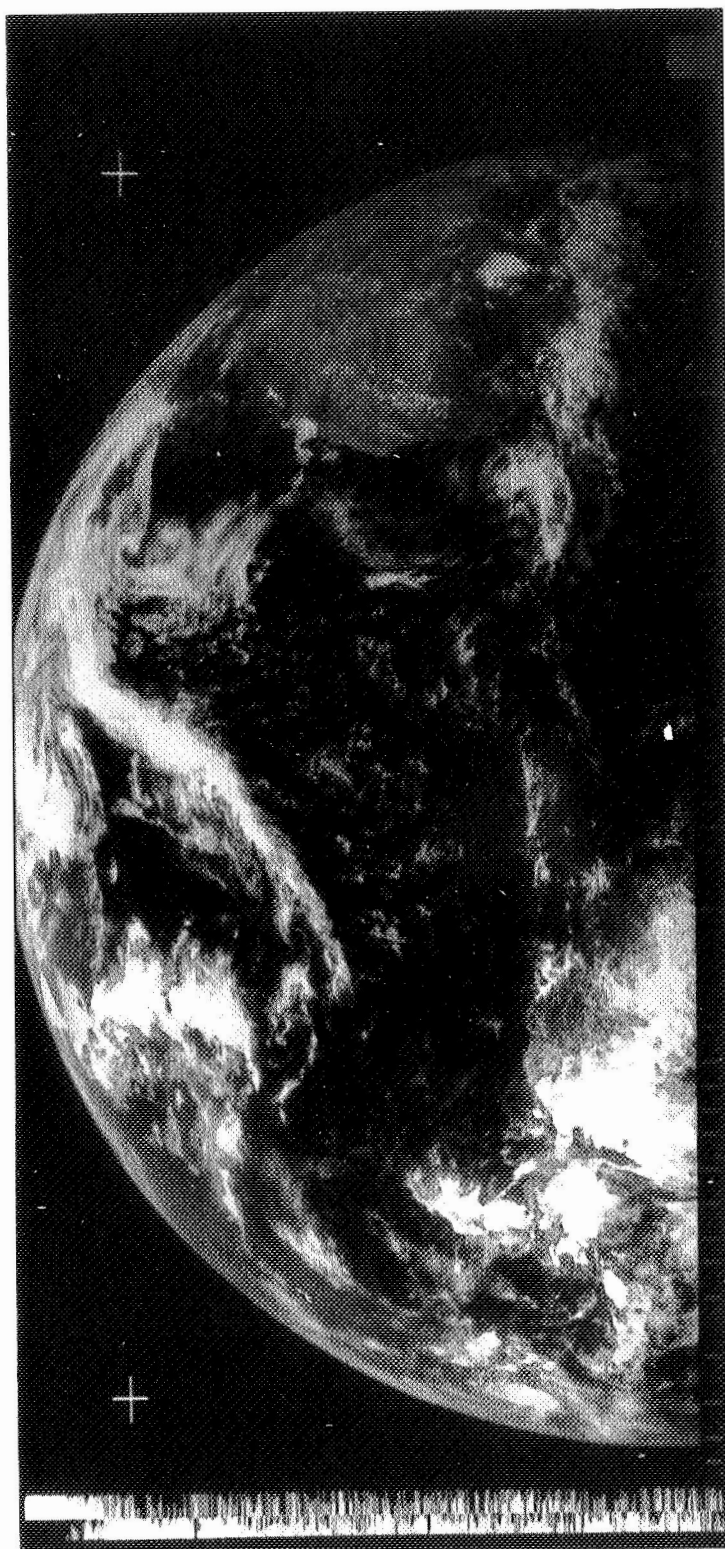


# MSSCC

11 Jul 69

SSP 45.89 W 0.00 S

Seq	End Time	Remarks
1	09 21 56	Half Scan Noise Picture Fair
2	09 34 41	Half Scan Noise Picture Fair
3	09 47 27	Half Scan Noise Picture Fair
4	10 00 24	Half Scan Noise Picture Fair
5	10 13 09	Half Scan Noise Picture Fair
6	10 25 55	Half Scan Noise Picture Fair
7	10 38 37	Half Scan Noise Picture Fair
8	10 51 22	Half Scan Noise Picture Fair
9	11 04 08	Half Scan Noise Picture Fair
10	11 17 02	Half Scan Noise Picture Fair
11	11 29 47	Half Scan Noise Picture Fair
12	11 42 33	Half Scan Noise Picture Fair
13	11 55 18	Half Scan Noise Picture Fair
14	13 47 47	Half Scan Noise Picture Good
15	14 00 36	Half Scan Noise Picture Good
16	14 13 21	Half Scan Noise Picture Good
17	14 26 09	Half Scan Noise Picture Good
18	14 38 52	Half Scan Noise Picture Good
19	14 51 40	Half Scan Noise Picture Good
20	15 04 22	Half Scan Noise Picture Good
21	15 17 14	Half Scan Noise Picture Good
22	15 29 59	Half Scan Noise Picture Good
23	15 42 47	Half Scan Noise Picture Good
24	15 55 38	Half Scan Noise Picture Good
25	16 08 24	Half Scan Noise Picture Good
26	16 21 13	Half Scan Noise Picture Good
27	16 33 55	Half Scan Noise Picture Good
28	16 46 43	Half Scan Noise Picture Good
29	16 59 28	Half Scan Noise Picture Good
30	17 23 49	Noise Picture Good Slight Sync Problem
31	17 49 28	Noise Picture Good Slight Sync Problem
32	18 15 05	Noise Picture Good Slight Sync Problem
33	18 40 42	Noise Picture Good Slight Sync Problem
34	19 06 18	Half Scan Noise Picture Good Sync Problem
35	19 20 20	Half Scan Noise Picture Good Sync Problem
36	19 33 03	Half Scan Noise Picture Good Sync Problem
37	19 45 48	Half Scan Noise Picture Good Sync Problem
38	19 58 36	Half Scan Noise Picture Good Sync Problem
39	20 11 34	Half Scan Noise Picture Good Sync Problem
40	20 24 22	Half Scan Noise Picture Good Sync Problem
41	20 37 10	Half Scan Slight Sync Problem
42	20 49 58	Half Scan Slight Sync Problem Few Dropouts
43	21 02 47	Half Scan Slight Sync Problem
44	21 15 41	Half Scan Slight Sync Problem
45	21 28 29	Half Scan Slight Sync Problem
46	21 41 18	Half Scan Slight Sync Problem Few Dropouts
47	21 54 21	Half Scan Slight Sync Problem
48	22 10 46	Half Scan Slight Sync Problem
49	22 23 34	Half Scan Slight Sync Problem
50	22 36 22	Half Scan Slight Sync Problem Few Dropouts
51	22 49 11	Half Scan Slight Sync Problem Few Dropouts



ATS-III MSSCC 11 JUL 69 15 29 59 Z 22

MSSCC

12 Jul 69

SSP 45.90 W 0.00 S

Seq	End Time	Remarks
1	09 17 53	Half Scan Noise Picture Fair
2	09 30 38	Half Scan Noise Picture Fair
3	09 43 26	Half Scan Noise Picture Fair
4	09 56 21	Half Scan Noise Picture Fair
5	10 09 06	Half Scan Noise Picture Fair
6	10 21 58	Half Scan Noise Picture Fair
7	10 34 37	Half Scan Noise Picture Fair
8	10 47 37	Half Scan Noise Picture Fair
9	11 00 22	Half Scan Noise Picture Fair
10	11 13 05	Half Scan Noise Picture Fair
11	11 25 50	Half Scan Noise Picture Fair
12	11 38 36	Half Scan Noise Picture Fair
13	11 51 24	Half Scan Noise Picture Fair
14	12 04 15	Half Scan Noise Picture Fair
15	12 33 22	Half Scan Noise Picture Good
16	12 46 08	Half Scan Noise Picture Good
17	12 58 53	Half Scan Noise Picture Good
18	13 11 57	Half Scan Noise Picture Good
19	13 24 45	Half Scan Noise Picture Good
20	13 37 30	Half Scan Noise Picture Good
21	13 50 18	Half Scan Noise Picture Good Hurricane Bernice
22	14 03 04	Half Scan Noise Picture Good Hurricane Bernice
23	14 16 01	Half Scan Noise Picture Good Hurricane Bernice
24	14 28 56	Half Scan Noise Picture Good Hurricane Bernice
25	14 41 44	Half Scan Noise Picture Good Hurricane Bernice
26	14 54 29	Half Scan Noise Picture Good Hurricane Bernice
27	15 07 17	Half Scan Noise Picture Good Hurricane Bernice
28	15 20 03	Half Scan Noise Picture Good Hurricane Bernice
29	15 32 48	Half Scan Noise Picture Good Hurricane Bernice
30	15 43 25	Half Scan Noise Picture Good Hurricane Bernice
31	15 58 13	Half Scan Noise Picture Good Hurricane Bernice
32	16 35 18	Half Scan Noise Picture Good Hurricane Bernice
33	16 48 03	Half Scan Noise Picture Good Hurricane Bernice
34	17 00 48	Half Scan Noise Picture Good Hurricane Bernice
35	17 25 09	Noise Picture Good Hurricane Bernice
36	17 50 48	Noise Picture Good Hurricane Bernice
37	18 16 25	Noise Picture Good Hurricane Bernice
38	18 42 02	Noise Picture Good Hurricane Bernice
39	19 07 38	Noise Picture Good Hurricane Bernice
40	19 21 46	Half Scan Hurricane Bernice
41	19 34 34	Half Scan Hurricane Bernice
42	19 47 20	Half Scan Hurricane Bernice
43	20 00 26	Half Scan Hurricane Bernice
44	20 13 14	Half Scan Hurricane Bernice
45	20 26 44	Half Scan Hurricane Bernice
46	20 39 27	Half Scan Hurricane Bernice
47	20 52 15	Half Scan Hurricane Bernice Dropout
48	21 05 03	Half Scan Hurricane Bernice
49	21 17 51	Half Scan Hurricane Bernice
50	21 30 40	Half Scan Hurricane Bernice
51	21 43 31	Half Scan Hurricane Bernice
52	21 56 19	Half Scan Hurricane Bernice
53	22 09 08	Half Scan Hurricane Bernice
54	22 21 56	Half Scan Hurricane Bernice
55	22 34 44	Half Scan Hurricane Bernice
56	22 47 33	Half Scan Hurricane Bernice



ATS-III MSSCC 12 JUL 69 15 07 17 Z 27

# MSSCC

13 Jul 69

SSP 45.91 W 0.01 S

Seq	End Time	Remarks
1	09 52 53	Half Scan Noise Picture Fair
2	10 05 42	Half Scan Noise Picture Fair
3	10 18 36	Half Scan Noise Picture Fair
4	10 31 21	Half Scan Noise Picture Fair
5	10 44 07	Half Scan Noise Picture Fair
6	10 56 49	Half Scan Noise Picture Fair
7	11 09 46	Half Scan Noise Picture Fair
8	11 22 31	Half Scan Noise Picture Fair
9	11 35 17	Half Scan Noise Picture Fair
10	11 48 05	Half Scan Noise Picture Fair
11	12 00 48	No Data
12	12 15 08	Half Scan Noise Last 100 Lines Offset to Right
13	12 28 05	Half Scan Noise Picture Good
14	12 40 51	Half Scan Noise Picture Good
15	12 53 39	Half Scan Noise Picture Good
16	13 06 24	Half Scan Noise Picture Good
17	13 19 12	Half Scan Noise Picture Good
18	13 31 58	Half Scan Noise Picture Good
19	13 44 43	Half Scan Noise Picture Good
20	13 57 29	Half Scan Noise Picture Good
21	14 10 14	Half Scan Noise Picture Good
22	14 22 59	Half Scan Noise Picture Good Bernice Visible
23	14 35 44	Half Scan Noise Picture Good Bernice Visible
24	14 48 30	Half Scan Noise Picture Good Bernice Visible
25	15 01 27	Half Scan Noise Picture Good Bernice Visible
26	15 14 15	Half Scan Noise Picture Good Bernice Visible
27	15 27 01	Half Scan Noise Picture Good Bernice Visible
28	15 39 55	Half Scan Noise Picture Good Bernice Visible
29	15 53 07	Half Scan Noise Picture Good Bernice Visible
30	16 05 56	Half Scan Noise Picture Good Bernice Visible
31	16 18 47	Half Scan Noise Picture Good Bernice Visible
32	16 31 32	Half Scan Noise Picture Good Bernice Visible
33	16 44 21	Half Scan Noise Picture Good Bernice Visible
34	16 57 09	Half Scan Noise Picture Good Bernice Visible
35	17 21 29	Noise Picture Good Hurricane Bernice Visible
36	17 47 06	Noise Picture Good Hurricane Bernice Visible
37	18 12 45	Noise Picture Good Hurricane Bernice Visible
38	18 38 22	Noise Picture Good Hurricane Bernice Visible
39	19 03 59	Noise Picture Good Hurricane Bernice Visible
40	19 18 01	Half Scan Noise Picture Good Bernice Visible
41	19 30 46	Half Scan
42	19 43 31	Half Scan
43	19 56 19	Half Scan
44	20 09 05	Half Scan
45	20 21 53	Half Scan
46	20 34 42	Half Scan
47	20 47 30	Half Scan
48	21 00 18	Half Scan
49	21 13 28	Half Scan
50	21 26 21	Half Scan
51	21 39 10	Half Scan
52	21 51 59	Half Scan
53	22 04 49	Half Scan
54	22 17 38	Half Scan
55	22 30 26	Half Scan
56	22 43 15	Half Scan
57	22 56 03	Half Scan





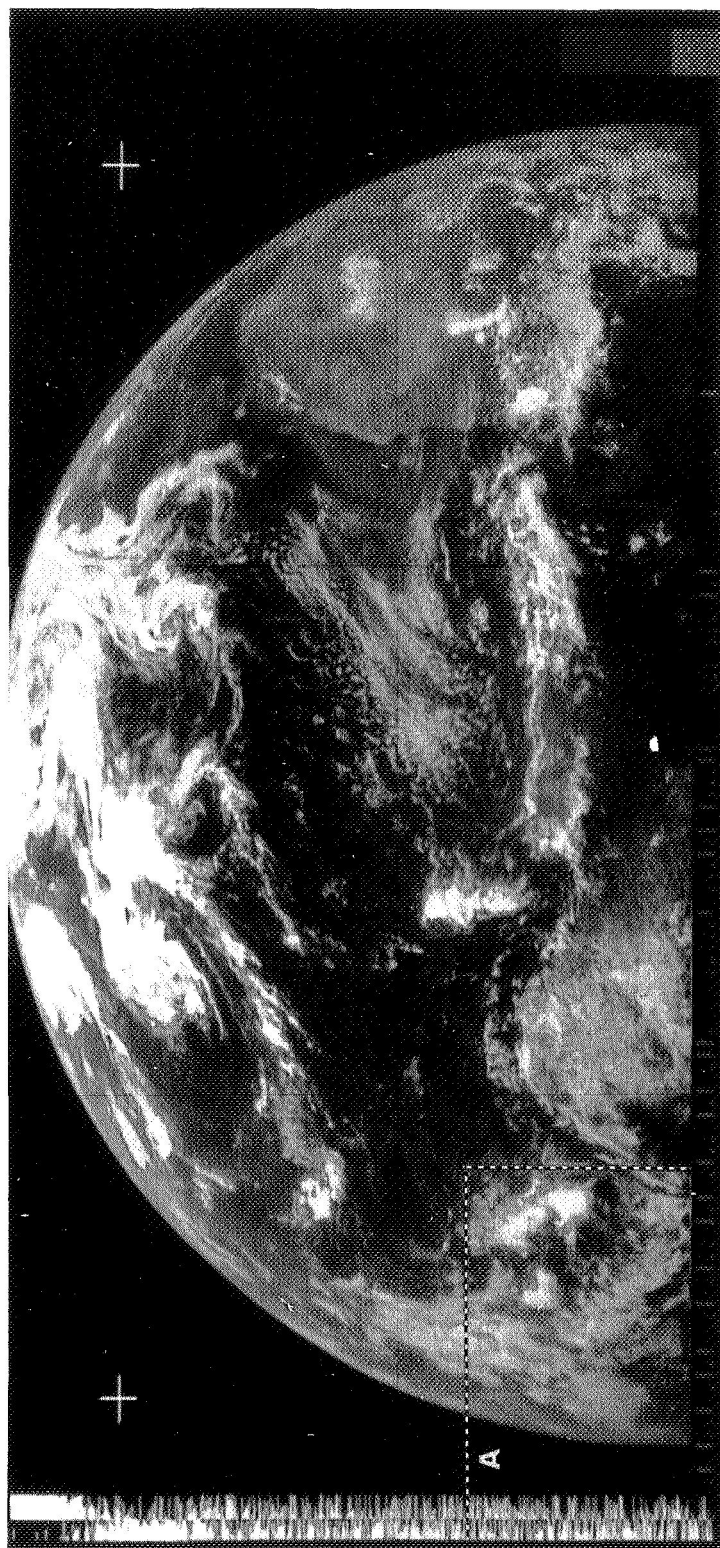
ATS-III MSSCC 13 JUL 69 15 01 27 Z 25

# MSSCC

14 Jul 69

SSP 45.92W 0.01S

Seq	End Time	Remarks
1	09 18 44	Half Scan 50 Line Dropout Poor Contrast
2	09 31 29	Half Scan Poor Contrast Noise Picture Poor
3	09 44 14	No Data
4	10 32 41	Half Scan Noise Picture Fair
5	10 45 26	Half Scan Noise Picture Fair
6	10 58 12	Half Scan Noise Picture Fair
7	11 10 57	Half Scan Noise Picture Fair
8	11 23 43	Half Scan Noise Picture Fair
9	11 36 28	Half Scan Noise Picture Fair
10	11 49 13	Half Scan Noise Picture Fair
11	12 02 01	Half Scan Noise Picture Fair
12	12 14 50	Half Scan Noise Picture Fair
13	12 27 36	Half Scan Noise Picture Fair
14	12 51 41	Noise Offset Skewed Right
15	13 11 28	No Data
16	13 25 02	Half Scan Noise Picture Good
17	13 37 51	Half Scan Noise Picture Good
18	13 50 42	Half Scan Noise Picture Good
19	14 03 27	Half Scan Noise Picture Good
20	14 16 13	Half Scan Noise Picture Good
21	14 29 22	Half Scan Noise Picture Good
22	14 42 10	Half Scan Noise Picture Good
23	14 54 56	Half Scan Noise Picture Good
24	15 07 41	Half Scan Noise Picture Good
25	15 20 26	Half Scan Noise Picture Good
26	15 33 12	Half Scan Noise Picture Good
27	15 45 57	Half Scan Noise Picture Good
28	15 58 43	Half Scan Noise Picture Good
29	16 11 34	Half Scan Noise Picture Good
30	16 24 19	Half Scan Noise Picture Good
31	16 37 04	Half Scan Noise Picture Good
32	16 49 50	Half Scan Noise Picture Good
33	17 02 47	Half Scan Noise Picture Good
34	17 27 07	Noise Slight Sync Problem Picture Good
35	17 52 49	Noise Slight Sync Problem Picture Good
36	18 18 24	Noise Slight Sync Problem Picture Good
37	18 44 00	Noise Slight Sync Problem Picture Good
38	19 09 37	Noise Slight Sync Problem Picture Good
39	19 23 38	Half Scan Noise Picture Good
40	19 36 24	Half Scan Noise Picture Good
41	19 49 12	Half Scan Noise Picture Good
42	20 02 01	Half Scan Noise Picture Good
43	20 14 49	Half Scan Noise Picture Good
44	20 27 49	Half Scan Noise Picture Good
45	20 40 37	Half Scan Noise Picture Good
46	20 53 26	Half Scan Noise Picture Good
47	21 06 14	Half Scan Noise Picture Good
48	21 19 03	Half Scan Noise Picture Fair
49	21 31 52	Half Scan Noise Picture Good
50	21 45 48	Half Scan Noise Picture Fair
51	21 58 36	Half Scan Noise Picture Fair
52	22 11 36	Half Scan Noise Picture Fair
53	22 24 24	Half Scan Noise Picture Fair
54	22 37 13	Half Scan Noise Picture Fair
55	22 50 01	Half Scan Noise Picture Fair



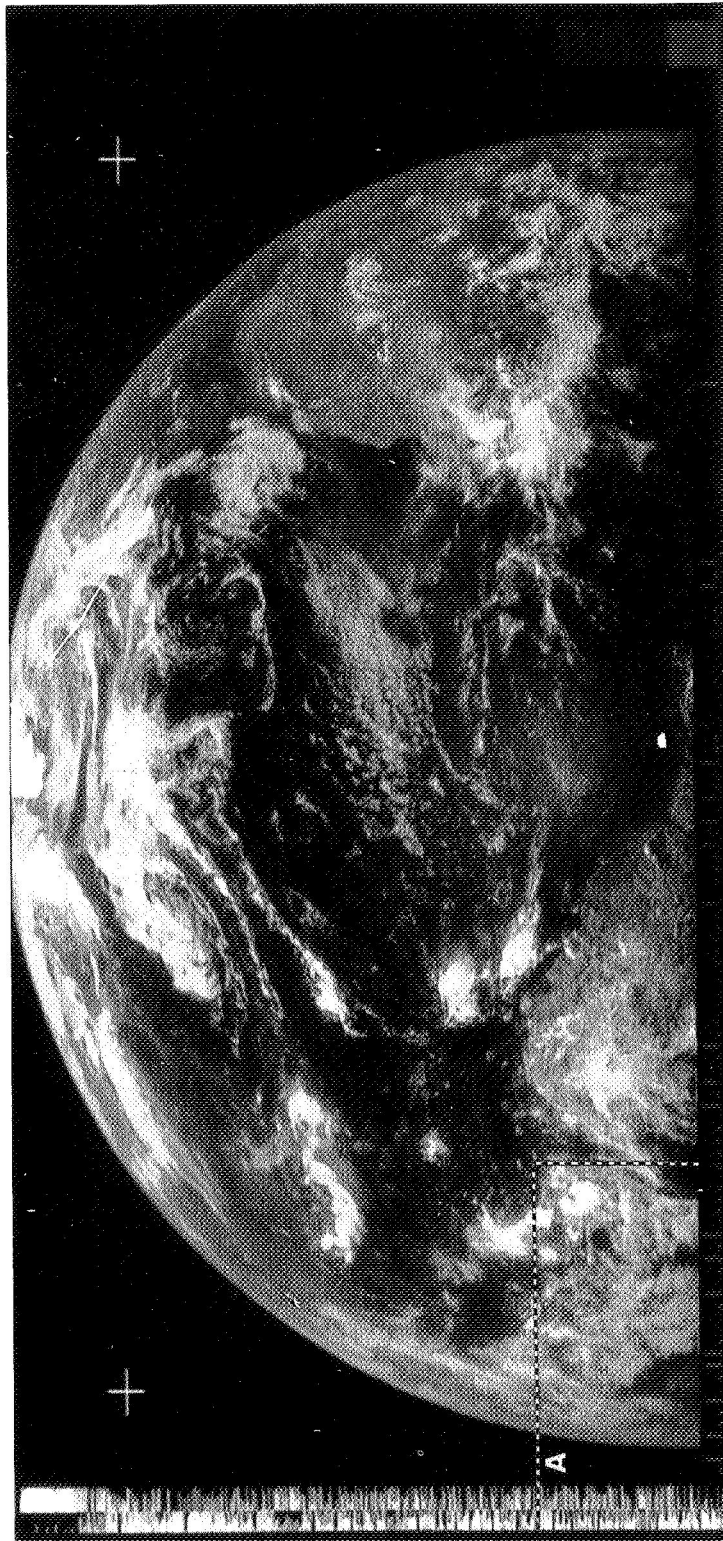
ATS-III MSSCC 14 JUL 69 14 54 56 Z 23

# MSSCC

15 Jul 69

SSP 45.94 W 0.01 S

Seq	End Time	Remarks
1	09 52 41	Half Scan Noise Picture Fair
2	10 05 27	Half Scan Noise Picture Fair
3	10 18 18	Half Scan Noise Picture Fair
4	10 31 03	Half Scan Noise Picture Fair
5	10 43 49	Half Scan Noise Picture Fair
6	10 56 34	Half Scan Noise Picture Fair
7	11 09 19	Half Scan Noise Picture Fair
8	11 22 14	Half Scan Noise Picture Fair
9	11 35 26	Half Scan Noise Picture Fair
10	11 48 11	Half Scan Noise Picture Fair
11	12 00 59	Half Scan Noise Picture Fair
12	12 13 45	Half Scan Noise Picture Fair
13	12 26 36	Half Scan Noise Sync Problem Picture Poor
14	12 39 27	Half Scan Noise Picture Good
15	12 52 13	Half Scan Noise Picture Good
16	13 04 58	Half Scan Noise Picture Good
17	13 17 44	Half Scan Noise Picture Good
18	13 30 29	Half Scan Noise Picture Good
19	13 43 14	Half Scan Noise Picture Good
20	13 56 14	Half Scan Noise Picture Good
21	14 09 02	Half Scan Noise Picture Good
22	14 22 23	Half Scan Noise Picture Good
23	14 35 24	Half Scan Noise Picture Good
24	14 48 09	Half Scan Noise Picture Good
25	15 00 54	Half Scan Noise Picture Good
26	15 13 40	Half Scan Noise Picture Good
27	15 26 25	Half Scan Noise Picture Good
28	15 39 11	Half Scan Noise Picture Good
29	15 51 56	Half Scan Noise Picture Good
30	16 04 42	Half Scan Noise Picture Good
31	16 17 29	Half Scan Noise Picture Good
32	16 30 15	Half Scan Noise Picture Good
33	16 43 15	Half Scan Noise Picture Good
34	16 56 07	Half Scan Noise Picture Good
35	17 20 27	Noise Slight Sync Problem Picture Fair
36	17 46 03	Noise Slight Sync Problem Picture Fair
37	18 11 43	Noise Slight Sync Problem Picture Fair
38	18 37 20	Noise Slight Sync Problem Picture Fair
39	19 02 56	Noise Slight Sync Problem Picture Fair
40	19 16 58	Half Scan Noise Dropouts Picture Poor
41	19 29 44	Half Scan
42	20 34 18	Half Scan
43	20 47 06	Half Scan
44	20 59 54	Half Scan
45	21 14 18	Half Scan
46	21 27 06	Half Scan Few Dropouts
47	21 39 55	Half Scan
48	21 52 43	Half Scan Voltage Change at Line 400
49	22 05 31	Half Scan
50	22 18 19	Half Scan
51	22 31 11	Half Scan
52	22 43 59	Half Scan
53	22 56 47	Half Scan



ATS-III MSSCC 15 JUL 69 15 00 54 Z 25



# MSSCC

16 Jul 69

SSP 45.95 W 0.02 S

Seq	End Time	Remarks
1	20 41 13	Half Scan Noise Picture Fair
2	20 53 59	Half Scan Noise Picture Fair
3	21 06 50	Half Scan Noise Picture Fair
4	21 19 29	Half Scan
5	21 32 14	Half Scan
6	21 45 00	Half Scan
7	21 57 45	Half Scan
8	22 10 31	Half Scan
9	22 23 16	No Data
10	22 36 01	Half Scan
11	22 48 56	Half Scan Some Light Leakage Prior to Processing
12	23 01 44	Half Scan



ATS-III MSSCC -16 JUL 69 21 19 29 Z 4

MSSCC

17 Jul 69

SSP 45.97 W 0.02 S

Seq	End Time	Remarks
1	10 10 53	Half Scan Noise Picture Fair
2	10 23 47	Half Scan Noise Picture Fair
3	10 36 32	Half Scan Noise Picture Fair
4	10 49 18	Half Scan Noise Picture Fair
5	11 02 00	Half Scan Noise Picture Fair
6	11 14 43	Half Scan Noise Picture Fair
7	11 27 25	Half Scan Noise Picture Fair
8	11 40 11	Half Scan Noise Picture Fair
9	11 52 56	Half Scan Noise Picture Fair
10	12 06 14	Half Scan Noise Picture Fair
11	12 21 29	Half Scan Noise Sync Problem Offset Left Skewed
12	12 34 33	Half Scan Noise Picture Fair
13	12 47 10	Half Scan Noise Picture Fair
14	12 59 55	Half Scan Noise Picture Fair
15	13 12 41	Half Scan Noise Picture Fair
16	13 25 29	Half Scan Noise Picture Fair
17	13 38 11	Half Scan Noise Picture Fair
18	13 51 11	Half Scan Noise Picture Fair
19	14 04 35	Half Scan Noise Picture Fair
20	14 16 45	Half Scan Noise Picture Fair
21	14 29 31	Half Scan Noise Picture Fair
22	14 42 37	Half Scan Noise Picture Fair
23	14 55 25	Half Scan Noise Picture Fair
24	19 12 52	Half Scan Noise Picture Fair
25	19 25 37	Half Scan Noise Picture Fair
26	19 38 23	Half Scan Noise Picture Fair
27	19 51 08	Half Scan Noise Picture Fair
28	20 04 17	Half Scan Noise Picture Fair
29	20 16 41	Half Scan Noise Picture Fair
30	20 29 36	Half Scan Noise Picture Fair
31	20 42 12	Half Scan Noise Picture Fair
32	20 54 58	Half Scan Noise Picture Fair
33	21 07 43	Half Scan Noise Picture Fair
34	21 20 29	Half Scan Noise Picture Fair
35	21 33 14	Half Scan Noise Picture Fair
36	21 46 02	Half Scan Noise Picture Fair
37	21 58 47	Half Scan Noise Picture Fair



ATS-III MSSCC 17 JUL 69 14 55 25 Z 23

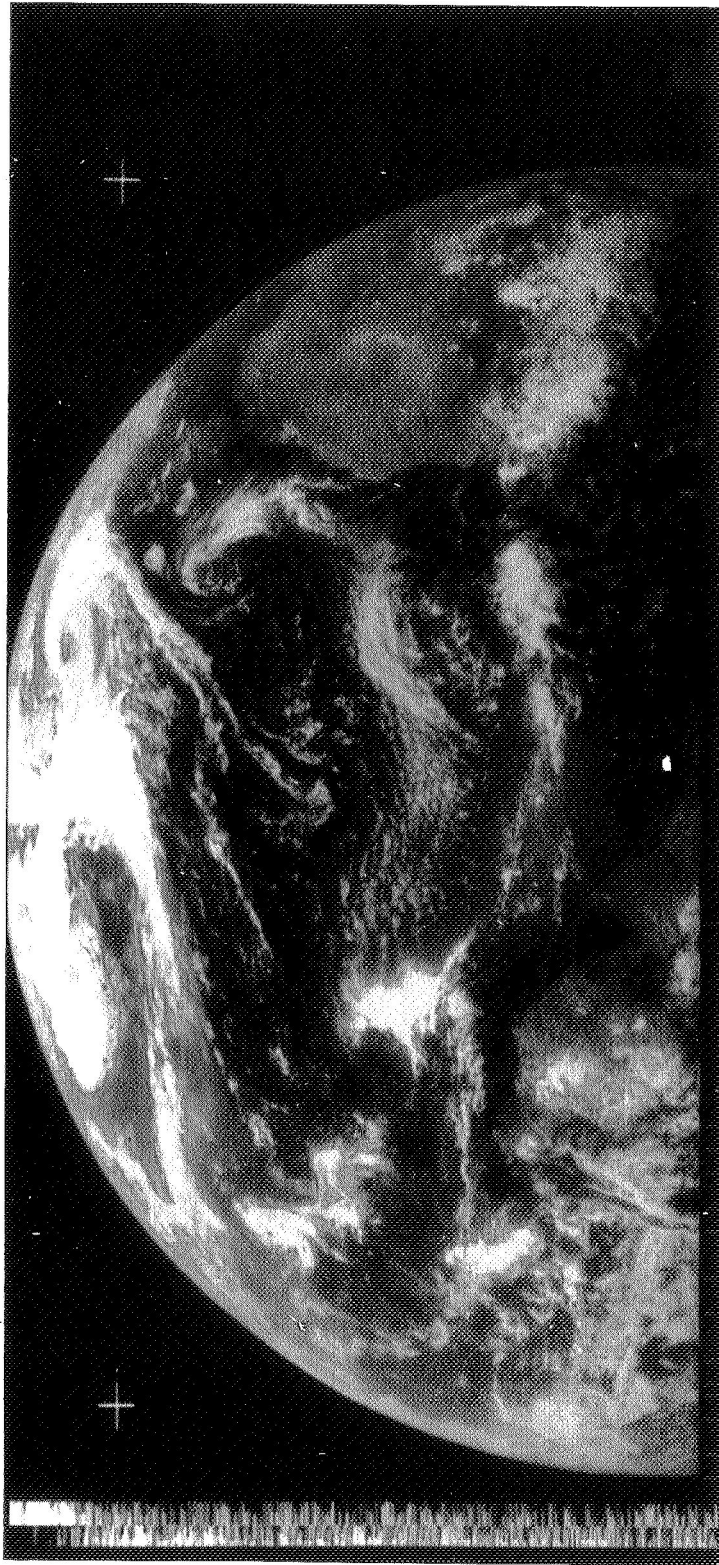
# MSSCC

18 Jul 69

SSP 45.99W 0.03S

Seq	End Time	Remarks
1	10 20 28	Half Scan Noise Picture Fair
2	10 33 17	Half Scan Noise Picture Fair
3	10 46 05	Half Scan Noise Picture Fair
4	10 58 56	Half Scan Noise Picture Fair
5	11 11 45	Half Scan Noise Picture Fair
6	11 24 33	Half Scan Noise Picture Fair
7	11 37 21	Half Scan Noise Picture Fair
8	11 50 10	Half Scan Noise Picture Fair
9	12 33 02	Half Scan Noise Sync Problem Picture Poor
10	12 45 56	Half Scan Noise Picture Good
11	12 58 59	Half Scan Noise Picture Good
12	13 11 47	Half Scan Noise Picture Good
13	13 24 36	Half Scan Noise Picture Good
14	13 37 27	Half Scan Noise Slight Sync Problem Picture Good
15	13 50 12	Half Scan Noise Slight Sync Problem Picture Good
16	14 02 58	Half Scan Noise Slight Sync Problem Picture Good
17	14 16 51	Half Scan Noise Slight Sync Problem Picture Fair
18	14 29 51	Half Scan Noise Slight Sync Problem Picture Fair
19	14 42 43	Half Scan Noise Slight Sync Problem Picture Fair
20	14 55 40	Half Scan Noise Slight Sync Problem Picture Fair
21	15 08 25	Half Scan Noise Slight Sync Problem Picture Good
22	15 21 05	Half Scan Noise Slight Sync Problem Picture Fair
23	18 29 36	Half Scan Noise Slight Sync Problem Picture Fair
24	18 58 56	Noise Slight Sync Problem Picture Good
25	19 12 55	Half Scan
26	19 25 37	Half Scan Slight Sync Problem Picture Good
27	19 38 41	Half Scan Slight Sync Problem Picture Good
28	19 51 26	Half Scan Slight Sync Problem Picture Good
29	20 04 11	Half Scan Slight Sync Problem Picture Good
30	20 16 56	Half Scan Slight Sync Problem Picture Good
31	20 29 42	Half Scan Slight Sync Problem Picture Good
32	20 42 27	Half Scan Slight Sync Problem Picture Good
33	20 55 22	Half Scan Slight Sync Problem Picture Good
34	21 07 58	Half Scan Slight Sync Problem Picture Good





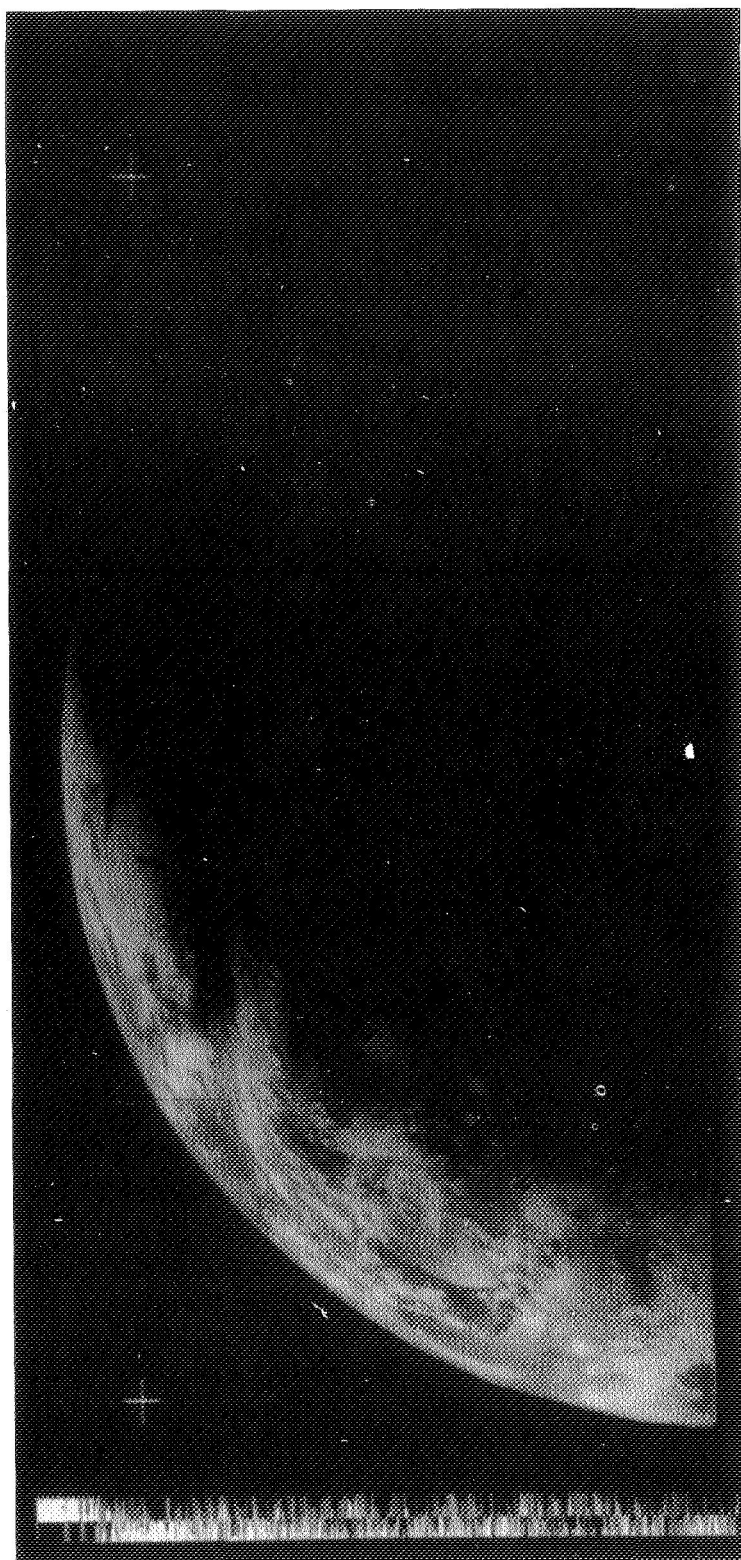
ATS-II MSSCC 18 JUL 69 14 55 40 Z 20

**MSSCC**

19 Jul 69

SSP 46.01 W 0.03 S

Seq	End Time	Remarks
1	22 42 18	Half Scan Slight Sync Problem Picture Good
2	22 55 00	Half Scan Slight Sync Problem Picture Good



ATS-III MSSCC 19 JUL 69 22 42 18 Z 1

# MSSCC

20 Jul 69

SSP 46.04W 0.03S

Seq	End Time	Remarks
1	10 02 25	Half Scan Noise Picture Fair
2	10 31 42	Half Scan Noise Picture Fair
3	10 44 30	Half Scan Noise Picture Fair
4	10 57 18	Half Scan Noise Picture Fair
5	11 10 07	Half Scan Noise Picture Fair
6	11 22 58	Half Scan Noise Picture Fair
7	11 37 10	Half Scan Noise Picture Fair
8	11 50 21	Half Scan Noise Picture Fair
9	12 28 46	Half Scan Noise Picture Fair
10	12 41 35	Half Scan Noise Picture Fair
11	12 54 17	Half Scan Noise Picture Fair
12	13 07 05	Half Scan Noise Picture Fair
13	13 20 12	Half Scan Noise 50 Line Dropout Picture Fair
14	13 33 06	Half Scan Noise Picture Fair
15	13 45 51	Half Scan Noise 150 Line Dropout Picture Fair
16	13 58 54	Half Scan Noise Sync Problem Picture Fair
17	14 11 40	Half Scan Noise Picture Poor
18	14 24 22	Half Scan Noise Picture Poor
19	14 37 08	Half Scan Noise Picture Fair
20	14 49 53	Half Scan Noise Picture Fair
21	15 02 35	Half Scan Noise Picture Fair
22	15 15 21	Half Scan Noise Picture Fair
23	15 28 15	Half Scan Noise Picture Fair
24	15 41 00	Half Scan Noise Picture Fair
25	15 53 46	Half Scan Noise Picture Fair
26	16 06 31	Half Scan Noise Picture Poor
27	16 19 34	Half Scan Noise Picture Poor
28	16 32 20	Half Scan Noise Picture Fair
29	16 47 10	Half Scan Noise 150 Line Dropout Picture Fair
30	21 14 00	Half Scan Noise Picture Good
31	21 26 45	Half Scan Noise Picture Good
32	21 39 36	Half Scan Noise Picture Good
33	21 52 16	Half Scan Noise Picture Good
34	22 05 04	Half Scan Noise Picture Good
35	22 17 49	Half Scan Noise Picture Good
36	22 30 32	Half Scan Noise Picture Good
37	22 43 17	Half Scan Noise Picture Good
38	22 56 06	Half Scan Noise Picture Good



ATS-III MSSCC 20 JUL 69 15 02 35 Z 21

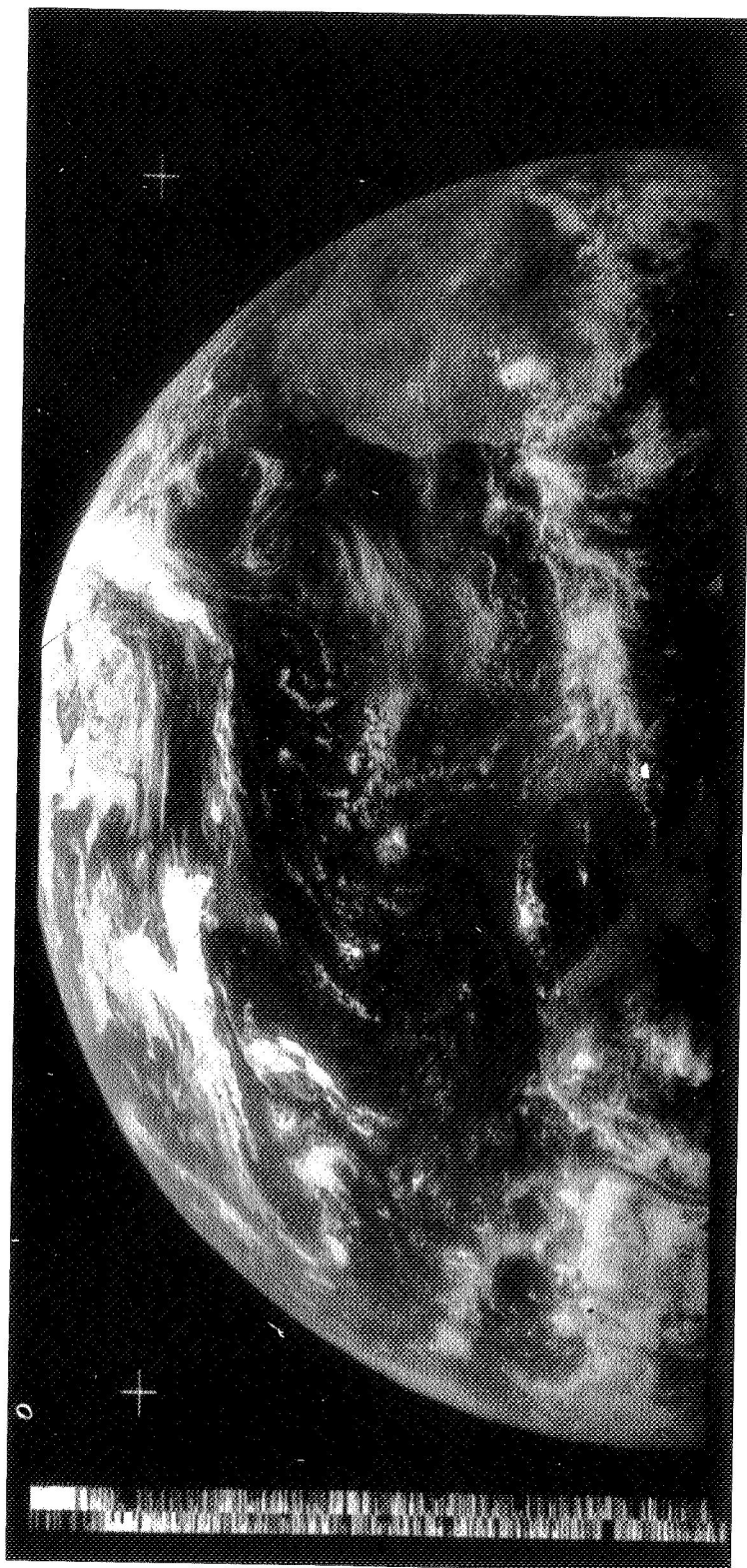


# MSSCC

21 Jul 69

SSP 46.06 W 0.03 S

Seq	End Time	Remarks
1	09 11 33	Half Scan Noise Picture Fair
2	09 24 24	Half Scan Noise Picture Fair
3	09 37 13	Half Scan Noise Picture Fair
4	09 50 01	Half Scan Noise Picture Fair
5	10 02 49	Half Scan Noise Picture Fair
6	10 15 38	Half Scan Noise Picture Fair
7	10 28 26	Half Scan Noise Picture Fair
8	10 41 14	Half Scan Noise Picture Fair
9	10 54 03	Half Scan Noise Picture Fair
10	11 06 51	Half Scan Noise Picture Fair
11	11 19 39	Half Scan Noise Picture Fair
12	11 32 31	Half Scan Noise Picture Fair
13	11 45 16	Half Scan Noise Picture Fair
14	11 58 08	Half Scan Noise Picture Fair
15	12 29 51	Half Scan Noise Picture Fair
16	12 42 37	Half Scan Noise Picture Fair
17	12 54 26	Half Scan Noise Picture Fair
18	13 07 14	Half Scan Noise Picture Fair
19	13 20 03	Half Scan Noise Picture Fair
20	13 32 48	Half Scan Noise Picture Fair
21	13 45 30	Half Scan Noise Picture Fair
22	13 58 25	Half Scan Noise Picture Fair
23	14 11 10	Half Scan Noise Picture Fair
24	14 23 55	One Third Scan Noise Picture Fair
25	14 36 43	Half Scan Noise Picture Fair



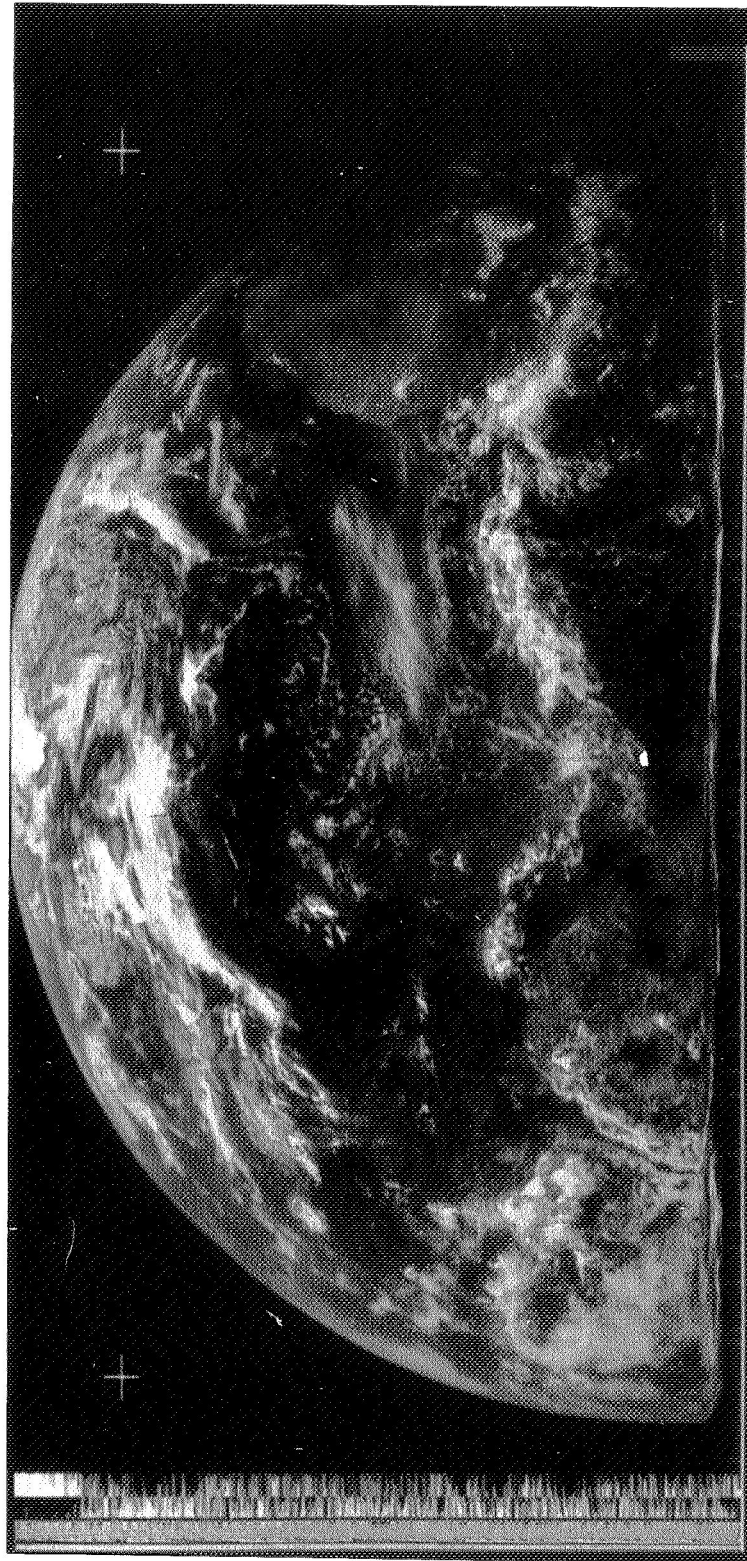
ATS-III MSSCC 21 JUL 69 14 36 43 Z 25

# MSSCC

22 Jul 69

SSP 46.08 W 0.04 S

Seq	End Time	Remarks
1	09 52 11	Half Scan Noise Picture Poor
2	10 05 03	Half Scan Noise Picture Poor
3	10 17 48	Half Scan Noise Picture Poor
4	10 30 39	Half Scan Noise Picture Poor
5	10 43 24	Half Scan Noise Picture Poor
6	10 56 16	Half Scan Noise Picture Poor
7	11 09 04	Half Scan Noise Picture Fair
8	11 21 52	Half Scan Noise Picture Fair
9	11 34 41	Half Scan Noise Picture Fair
10	11 47 29	Half Scan Noise Picture Fair
11	12 00 17	Half Scan Noise Picture Fair
12	12 31 56	Half Scan Noise Picture Poor
13	12 44 42	Half Scan Noise Picture Fair
14	12 57 36	Half Scan Noise Picture Fair
15	13 10 33	Half Scan Noise Picture Fair
16	13 35 58	No Data
17	13 48 58	Half Scan Noise Picture Fair
18	14 01 43	Half Scan Noise Dropouts Picture Fair
19	14 14 29	Half Scan Noise Picture Fair
20	14 38 52	No Data
21	14 52 51	Half Scan Noise 150 Line Dropout Picture Fair
22	15 05 36	Half Scan Noise Two Dropouts Picture Fair
23	15 18 42	Half Scan Noise Picture Fair
24	15 31 19	No Data
25	15 44 10	Half Scan Noise Picture Fair
26	15 56 52	Half Scan Noise Picture Fair
27	16 10 22	Half Scan Noise Picture Fair
28	16 23 55	Half Scan Noise Picture Fair
29	16 37 04	Half Scan Noise Picture Fair
30	16 49 55	Half Scan Noise Picture Fair



ATS-III MSSCC 22 JUL 69 15 18 42 Z 23

# MSSCC

23 Jul 69

SSP 46.11 W 0.04 S

Seq	End Time	Remarks
1	09 22 58	Half Scan Noise Picture Fair
2	09 33 55	No Data
3	09 54 50	Half Scan Noise Picture Fair
4	10 07 34	Half Scan Noise Picture Fair
5	10 20 22	Half Scan Noise Picture Fair
6	10 33 11	Half Scan Noise Picture Fair
7	10 45 58	Half Scan Noise Picture Fair
8	10 58 47	Half Scan Noise Picture Fair
9	11 11 41	Half Scan Noise Dropouts Picture Fair
10	11 24 30	Half Scan Noise Picture Fair
11	11 37 18	Half Scan Noise Picture Fair
12	11 50 12	Half Scan Noise Picture Fair
13	12 28 34	Half Scan Noise Picture Fair
14	12 41 29	Half Scan Noise Picture Fair
15	12 54 46	Half Scan Noise Picture Fair
16	13 07 35	Half Scan Noise Picture Fair
17	13 20 47	Half Scan Noise Picture Fair
18	13 33 35	Half Scan Noise Picture Fair
19	13 46 33	Half Scan Noise Picture Fair
20	13 59 21	Half Scan Noise Picture Fair
21	14 12 15	Half Scan Noise Picture Fair
22	14 25 03	Half Scan Noise Picture Fair
23	14 37 49	Half Scan Noise Picture Fair
24	14 50 34	Half Scan Noise Picture Fair
25	15 04 31	Half Scan Noise Picture Fair
26	15 17 22	Half Scan Noise Picture Fair
27	15 31 07	Half Scan Noise Picture Fair
28	15 43 55	Half Scan Noise Picture Fair
29	15 56 41	Half Scan Noise Picture Fair
30	16 10 49	Half Scan Noise Picture Fair
31	16 23 40	Half Scan Noise Picture Fair
32	16 36 26	Half Scan Noise Picture Fair
33	16 49 17	Half Scan Noise Picture Fair
34	17 02 02	Half Scan Noise Picture Fair
35	17 26 25	Noise Dropout Picture Fair





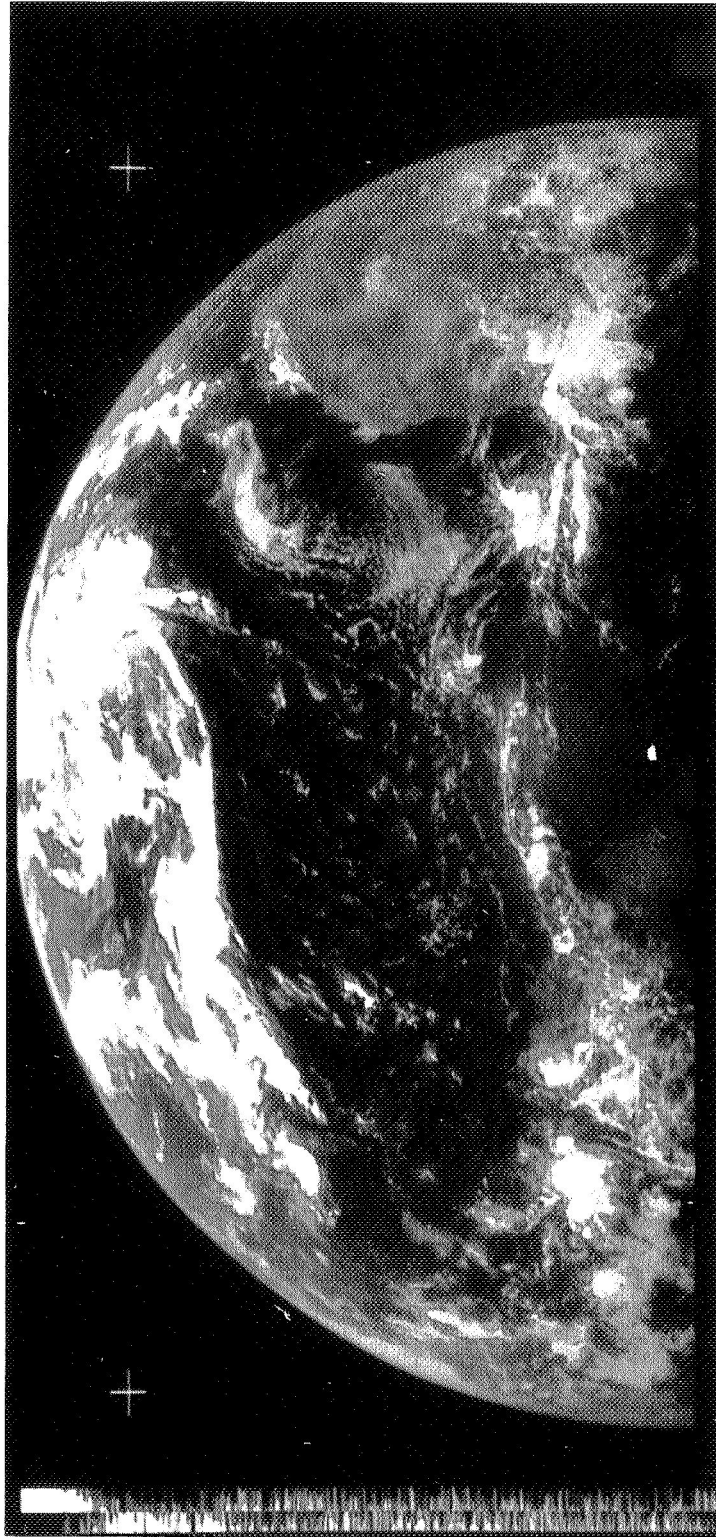
ATS-III MSSCC 23 JUL 69 15 17 22 Z 26

MSSCC

24 Jul 69

SSP 46.14W 0.03S

Seq	End Time	Remarks
1	09 42 33	Half Scan Slight Sync Problem Noise Picture Fair
2	09 55 21	Half Scan Noise Picture Fair
3	10 08 09	Half Scan Noise Dropout Picture Fair
4	10 20 58	Half Scan Noise Picture Fair
5	10 33 46	Half Scan Noise Picture Fair
6	10 46 34	Half Scan Noise Picture Fair
7	10 59 23	Half Scan Noise Picture Fair
8	11 12 11	Half Scan Noise Picture Fair
9	11 24 59	Half Scan Noise Picture Fair
10	11 41 54	Half Scan Noise Picture Fair
11	11 54 42	Half Scan Noise Picture Fair
12	12 27 14	Half Scan Noise Picture Fair
13	12 35 03	Half Scan Noise 200 Line Dropout Picture Poor
14	12 47 18	No Data
15	13 00 04	Half Scan Noise Picture Fair
16	13 12 49	Half Scan Noise Picture Fair
17	13 25 31	Half Scan Noise Picture Fair
18	13 38 17	Half Scan Noise Dropout Split Picture Fair
19	13 50 59	Half Scan Noise Picture Fair
20	14 03 48	Half Scan Noise Dropout Picture Fair
21	14 16 33	Half Scan Noise Picture Fair
22	14 26 00	Half Scan Noise Picture Fair
23	14 40 38	Half Scan Noise Picture Fair
24	14 53 20	Half Scan Noise Picture Fair
25	15 06 03	Half Scan Noise Picture Fair
26	15 18 51	Half Scan Noise Picture Fair
27	15 32 16	Half Scan Noise Picture Fair
28	19 14 38	Half Scan Noise Picture Fair
29	19 27 59	Half Scan Noise Picture Fair
30	19 40 48	Half Scan Noise Picture Good
31	19 53 36	Half Scan Noise Picture Good
32	20 06 21	Half Scan Noise Picture Good
33	20 19 04	Half Scan Noise Picture Good
34	20 31 58	Half Scan Noise Picture Good
35	20 44 58	Half Scan Noise Picture Good
36	22 22 55	Half Scan Noise Picture Good
37	22 35 40	Half Scan Noise Picture Good
38	22 49 22	Half Scan Noise Picture Good
39	23 02 15	Half Scan Noise Sync Problem Picture Fair



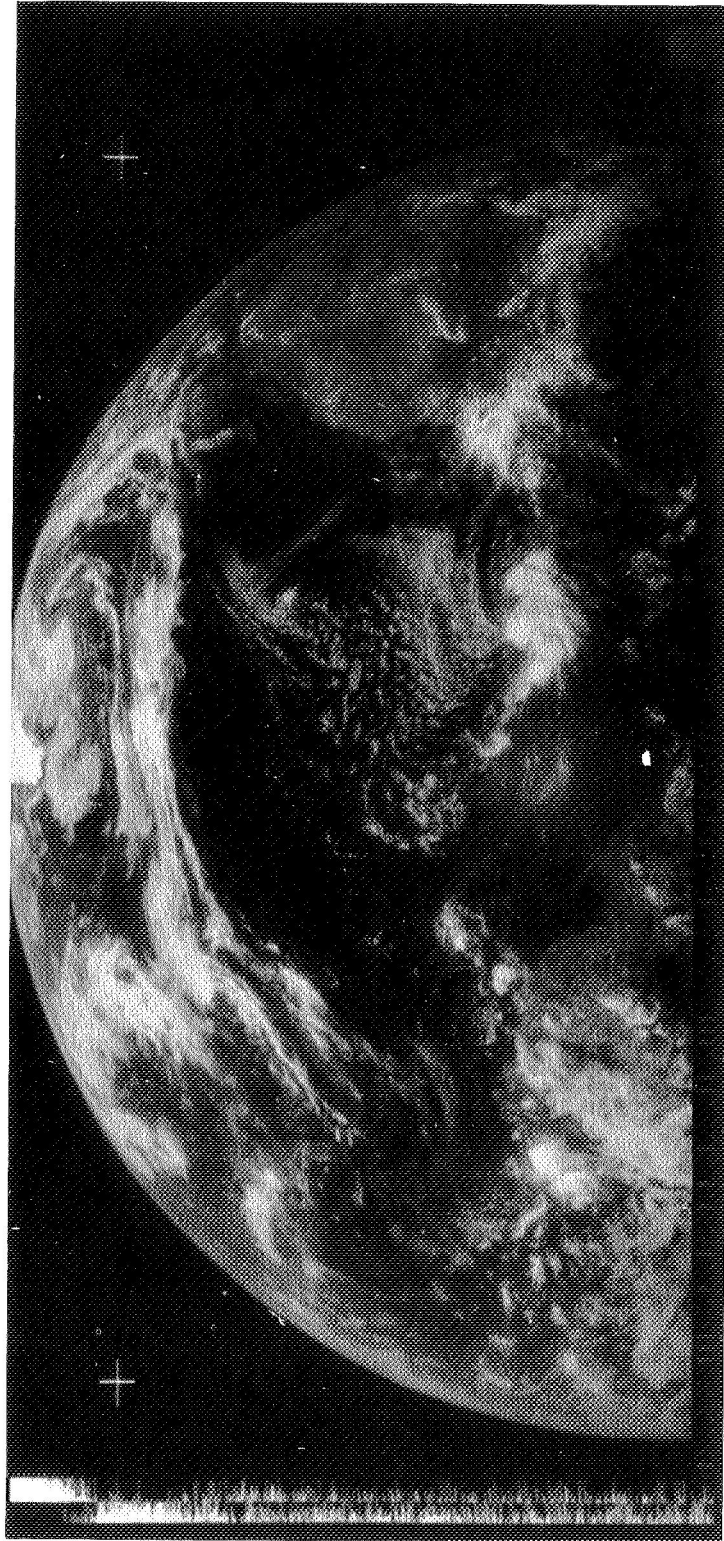
ATS-III MSSC 24 JUL 69 14 53 20 Z 24

# MSSCC

26 Jul 69

SSP 46.19 W 0.03 S

Seq	End Time	Remarks
1	10 12 15	Data Unusable
2	10 25 01	Data Unusable
3	10 37 46	Data Unusable
4	10 50 31	Data Unusable
5	11 03 20	Data Unusable
6	11 16 02	Data Unusable
7	11 28 48	Data Unusable
8	11 41 33	Data Unusable
9	11 54 18	Data Unusable
10	12 33 28	Half Scan Noise Picture Fair
11	12 46 16	Half Scan Noise Picture Fair
12	12 59 08	Half Scan Noise Picture Fair
13	13 11 56	Half Scan Noise Picture Fair
14	13 24 44	Half Scan Noise Picture Fair
15	13 37 32	Half Scan Noise Picture Fair
16	13 50 27	Half Scan Noise Picture Fair
17	14 03 15	Half Scan Noise Picture Fair
18	14 16 03	Half Scan Noise Picture Fair
19	14 28 52	Half Scan Noise Picture Fair
20	14 41 43	Half Scan Noise Picture Fair
21	14 54 37	Half Scan Noise Picture Fair
22	15 07 25	Half Scan Noise Picture Fair
23	15 20 20	No Data
24	15 33 08	Half Scan Noise Picture Fair
25	15 46 21	Half Scan Noise Picture Fair
26	16 00 29	Half Scan Noise Picture Fair
27	16 13 21	Half Scan Noise Picture Fair
28	16 27 34	Half Scan Noise Picture Fair
29	18 37 46	Noise Slight Sync Problem Picture Poor
30	19 03 23	Noise Slight Sync Problem Picture Fair
31	19 17 24	Half Scan Noise Picture Good
32	19 30 12	Half Scan Slight Sync Problem Picture Fair
33	19 43 01	Half Scan Noise Picture Good
34	19 55 49	Half Scan
35	20 08 38	Half Scan
36	20 21 05	Half Scan
37	20 33 50	Half Scan
38	20 46 39	Half Scan
39	20 59 42	Half Scan
40	21 12 31	Half Scan
41	21 25 20	Half Scan
42	21 39 27	Half Scan
43	21 52 19	Half Scan
44	22 05 04	Half Scan Slight Sync Problem Picture Good
45	22 17 55	Half Scan Slight Sync Problem Picture Good
46	22 30 40	Half Scan Slight Sync Problem Picture Good
47	22 43 32	Half Scan Slight Sync Problem Picture Good
48	22 56 34	Half Scan Slight Sync Problem Picture Fair



ATS-III MSSCC 26 JUL 69 14 54 37 Z 21



MSSCC

27 Jul 69

SSP 46.22 W 0.03 S

Seq	End Time	Remarks
1	10 16 01	Half Scan Noise Picture Fair
2	10 28 49	Half Scan Noise Picture Fair
3	10 41 34	No Data
4	10 54 20	No Data
5	11 07 05	No Data
6	11 19 51	No Data
7	11 32 36	No Data
8	11 45 21	Half Scan Noise Tropical Depression 10 N 37 W
9	11 58 07	Half Scan Noise Tropical Depression 10 N 37 W
10	12 48 12	Half Scan Noise Tropical Depression 10 N 37 W
11	13 01 03	Half Scan Noise Tropical Depression 10 N 37 W
12	13 14 01	Half Scan Noise Tropical Depression 10 N 37 W
13	13 26 48	Half Scan Noise Tropical Depression 10 N 37 W
14	13 39 37	Half Scan Noise Tropical Depression 10 N 37 W
15	13 52 31	Half Scan Noise Tropical Depression 10 N 37 W
16	14 05 19	Half Scan Noise Tropical Depression 10 N 37 W
17	14 18 08	Half Scan Noise Tropical Depression 10 N 37 W
18	14 30 56	Half Scan Noise Tropical Depression 11 N 37 W
19	14 53 52	Half Scan Noise Tropical Depression 11 N 37 W
20	15 06 44	Half Scan Noise Tropical Depression 11 N 37 W
21	15 19 32	Half Scan Noise Tropical Depression 11 N 37 W
22	15 32 20	Half Scan Noise Tropical Depression 11 N 37 W
23	15 45 12	Half Scan Noise Tropical Depression 11 N 37 W
24	15 57 57	Half Scan Noise Tropical Depression 12 N 38 W
25	16 10 46	Half Scan Noise Tropical Depression 12 N 38 W
26	16 23 34	Half Scan Noise Tropical Depression 12 N 38 W
27	16 36 22	Half Scan Noise Tropical Depression 12 N 38 W
28	16 49 11	Half Scan Noise Tropical Depression 12 N 38 W
29	17 39 11	Noise Tropical Depression 12 N 38 W Picture Fair
30	18 04 50	Noise Tropical Depression 12 N 38 W Picture Fair
31	18 30 27	Noise Tropical Depression 12 N 38 W Picture Fair
32	19 01 59	Noise Tropical Depression 13 N 38 W Picture Fair
33	19 16 04	Half Scan Noise Tropical Depression 13 N 38 W
34	19 28 53	Half Scan Noise Tropical Depression 13 N 38 W
35	19 41 41	Half Scan Noise Tropical Depression 13 N 38 W
36	19 54 29	Half Scan Noise Tropical Depression 13 N 38 W
37	20 07 17	Half Scan Noise Tropical Depression 13 N 38 W
38	20 20 09	Half Scan Noise Tropical Depression 13 N 38 W
39	20 32 57	Half Scan Noise Picture Fair
40	20 45 45	Half Scan Noise Picture Good
41	20 58 34	Half Scan
42	21 11 22	Half Scan
43	21 24 10	Half Scan
44	21 36 59	Half Scan
45	21 49 47	Half Scan
46	22 02 35	Half Scan
47	22 15 23	Half Scan
48	22 28 12	Half Scan
49	22 41 21	Half Scan
50	22 54 09	Half Scan



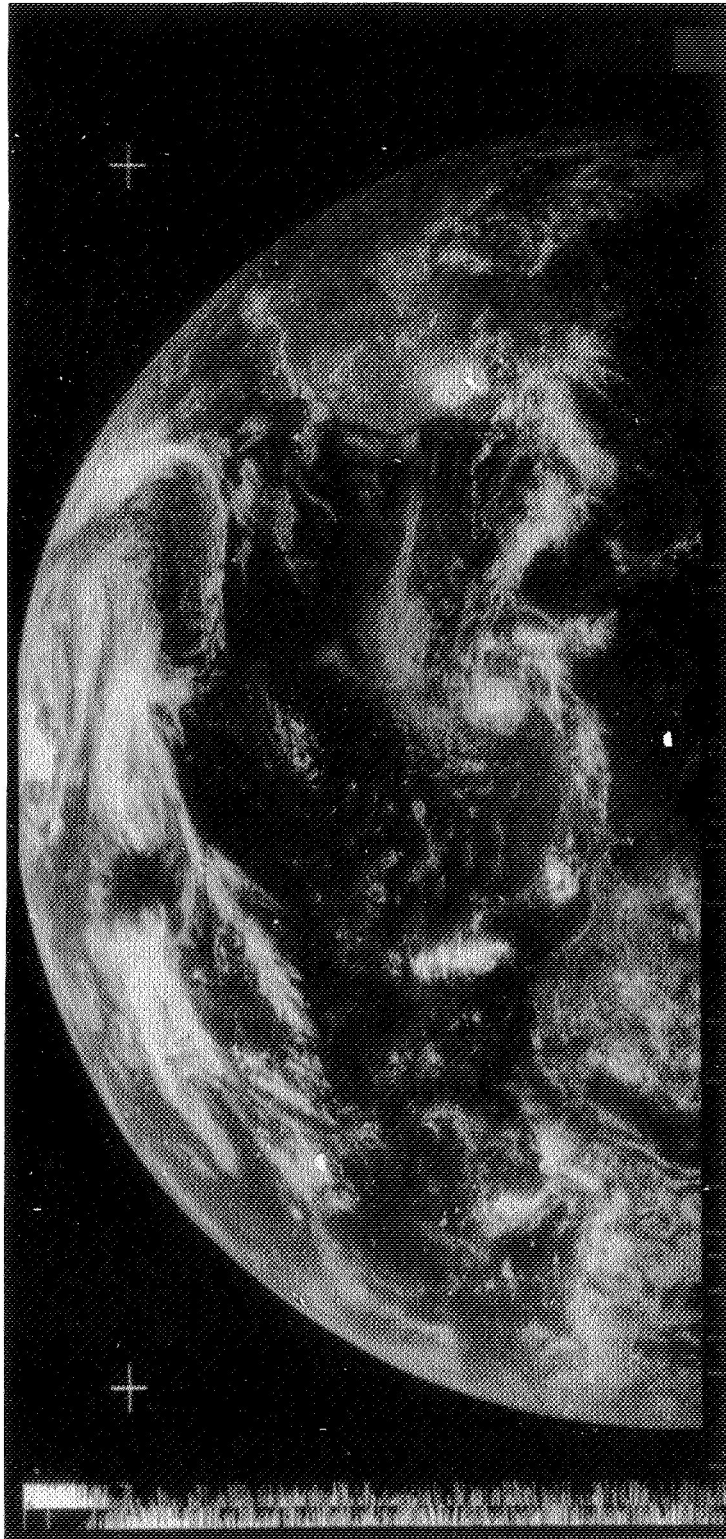
ATS-III MSSCC 27 JUL 69 15 06 44 Z 20

# MSSCC

28 Jul 69

SSP 46.25 W 0.04 S

Seq	End Time	Remarks
1	09 24 03	Half Scan Noise Tropical Storm Anna 12 N 41 W
2	09 36 48	Half Scan Noise Anna Picture Fair
3	09 49 34	Half Scan Noise Anna Picture Fair
4	10 02 19	Half Scan Noise Anna Picture Fair
5	10 15 04	Half Scan Noise Anna Picture Fair
6	10 27 49	Half Scan Noise Anna Picture Fair
7	10 40 35	Half Scan Noise Anna Picture Fair
8	10 53 20	Half Scan Noise Anna Picture Fair
9	11 06 06	Half Scan Noise Anna Picture Fair
10	11 18 51	One Third Scan Noise Picture Fair
11	11 31 48	Half Scan Noise Anna Picture Fair
12	11 44 37	Half Scan Noise Anna Picture Fair
13	11 57 22	Half Scan Noise Anna Picture Fair
14	12 44 02	Half Scan Noise Anna Picture Fair
15	12 56 51	Half Scan Noise Anna Picture Fair
16	13 09 39	Half Scan Noise Anna Picture Fair
17	13 22 27	Half Scan Noise Anna Picture Fair
18	13 35 16	Half Scan Noise Anna Picture Fair
19	13 48 04	Half Scan Noise Anna Picture Fair
20	14 00 55	Half Scan Noise Anna Picture Fair
21	14 13 43	Half Scan Noise Anna Picture Fair
22	14 26 31	Half Scan Noise Anna Picture Fair
23	14 44 26	Half Scan Noise Anna Picture Fair
24	14 57 20	Half Scan Noise Anna Picture Fair
25	15 10 11	Half Scan Noise Anna Picture Fair
26	15 23 03	Half Scan Noise Anna Picture Fair
27	15 35 48	Half Scan Noise Anna Picture Fair
28	15 48 37	Half Scan Noise Anna Picture Fair
29	16 01 25	Half Scan Noise Anna Picture Fair
30	16 14 13	Half Scan Noise Anna Picture Fair
31	16 27 05	Half Scan Noise Anna Picture Fair
32	16 39 50	Half Scan Noise Anna Picture Fair
33	16 52 44	Half Scan Noise Anna Picture Fair
34	17 42 44	Noise Slight Sync Problem Anna Picture Poor
35	18 08 21	Noise Slight Sync Problem Anna Picture Poor
36	18 33 57	Noise Slight Sync Problem Anna Picture Poor
37	18 59 34	Noise Slight Sync Problem Anna Picture Poor
38	19 10 23	One Third Scan Picture Fair
39	19 26 03	Half Scan Slight Sync Problem Anna Picture Fair
40	19 38 55	Half Scan Slight Sync Problem Anna Picture Fair
41	19 51 43	Half Scan Slight Sync Problem Anna Picture Fair



ATS-III MSSCC 28 JUL 69 15 10 11 Z 25

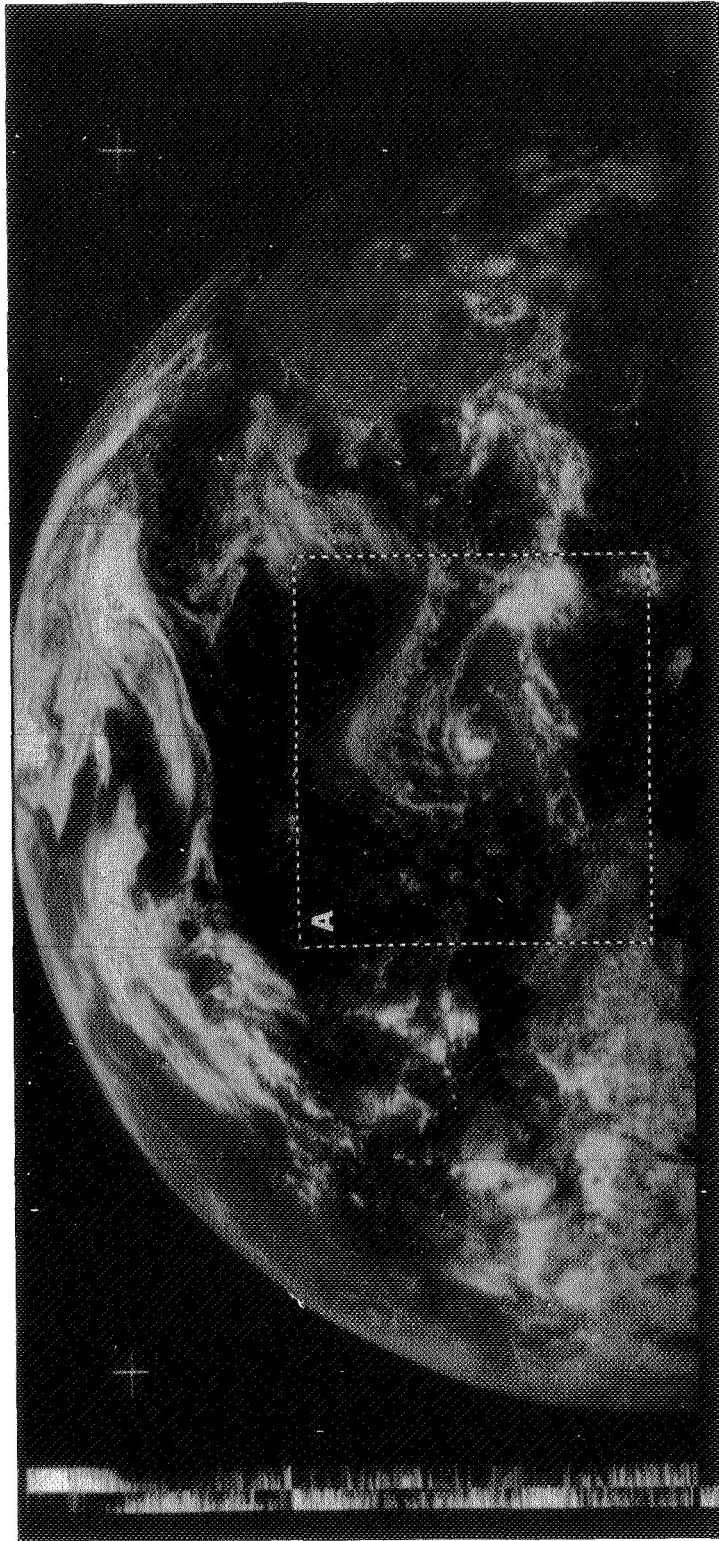
MSSCC

29 Jul 69

SSP 46.29W 0.04S

Seq	End Time	Remarks
1	09 37 44	Half Scan Noise Tropical Storm Anna Picture Fair
2	09 50 33	Half Scan Noise Anna Picture Fair
3	10 03 18	Half Scan Noise Anna Picture Fair
4	10 16 04	Half Scan Noise Anna Picture Fair
5	10 28 49	Half Scan Noise Anna Picture Fair
6	10 41 34	Half Scan Noise Anna Picture Fair
7	10 54 17	Half Scan Noise Anna Picture Fair
8	11 07 05	Half Scan Noise Anna Picture Fair
9	11 19 50	Half Scan Noise Anna Picture Fair
10	11 32 36	Half Scan Noise Anna Picture Fair
11	11 45 18	Half Scan Noise Anna Picture Fair
12	11 58 07	Half Scan Noise Anna Picture Fair
13	12 37 22	Half Scan Noise Anna Picture Fair
14	12 50 10	Half Scan Noise Anna Picture Fair
15	13 05 32	Half Scan Noise Anna Picture Fair
16	13 21 07	Half Scan Noise Anna Picture Fair
17	13 33 53	Half Scan Noise Anna Picture Fair
18	13 46 44	Half Scan Noise Anna Picture Fair
19	13 59 32	Half Scan Noise Anna Picture Fair
20	14 12 21	Half Scan Noise Anna Picture Fair
21	14 25 18	Half Scan Noise Anna Picture Fair
22	14 38 06	Half Scan Noise Anna Out of Sync Picture Fair
23	20 12 38	Half Scan Noise Anna Picture Fair
24	20 25 29	Half Scan Noise Anna Picture Fair
25	20 38 23	Half Scan Noise Anna Picture Fair
26	20 51 11	Half Scan Noise Anna Picture Fair
27	21 04 00	Half Scan Noise Anna Picture Fair
28	21 16 54	Half Scan Noise Picture Good
29	21 29 40	Half Scan Noise Picture Good
30	21 42 30	Half Scan Noise Picture Good
31	21 55 22	Half Scan Noise Picture Good
32	22 08 08	Half Scan Noise Picture Good
33	22 20 56	Half Scan Noise Picture Good
34	22 33 44	Half Scan Noise Picture Good
35	22 46 32	Half Scan Noise Picture Good
36	22 59 21	Half Scan Noise Picture Good





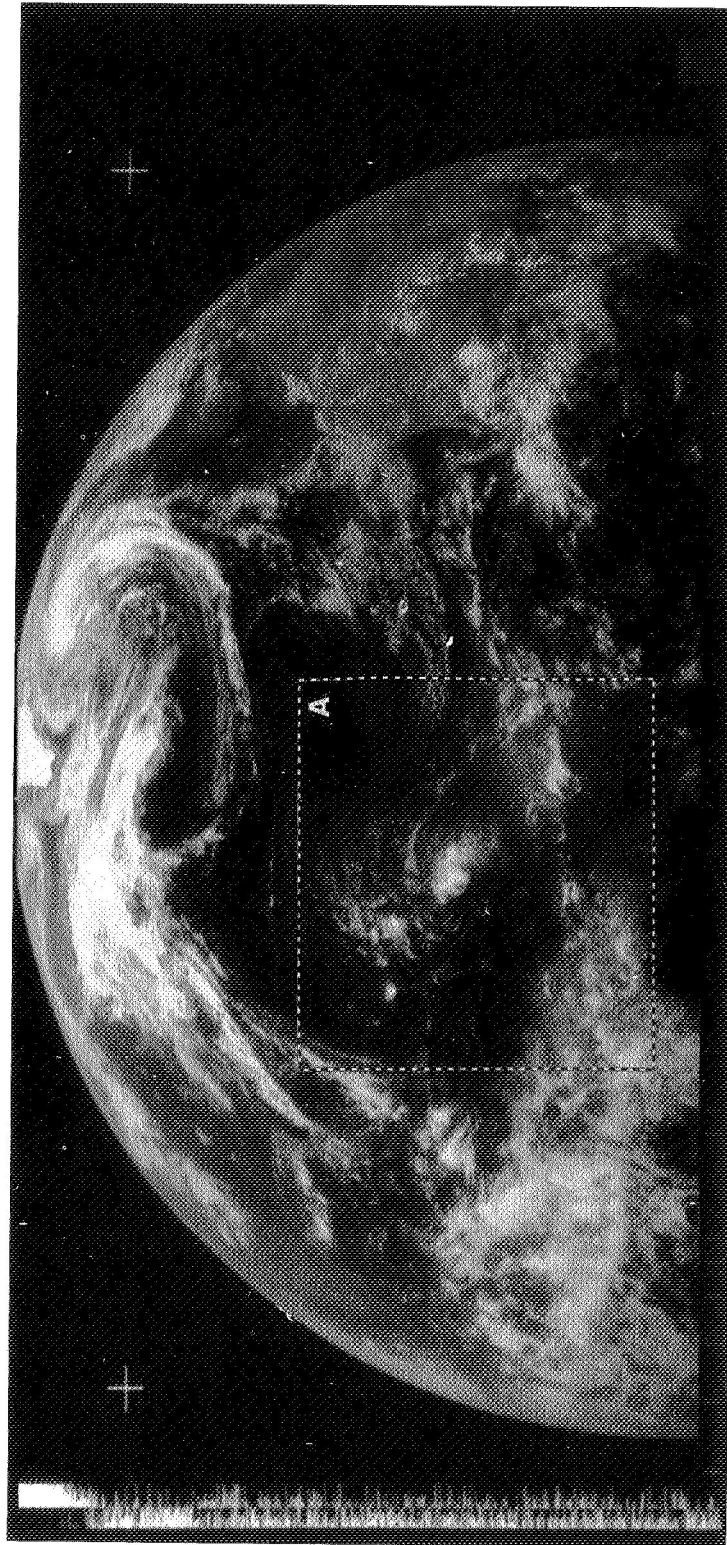
ATS-III MSSCC 29 JUL 69 14 38 06 Z 22

30 Jul 69

SSP 46.33 W 0.04 S

### Remarks

II-336



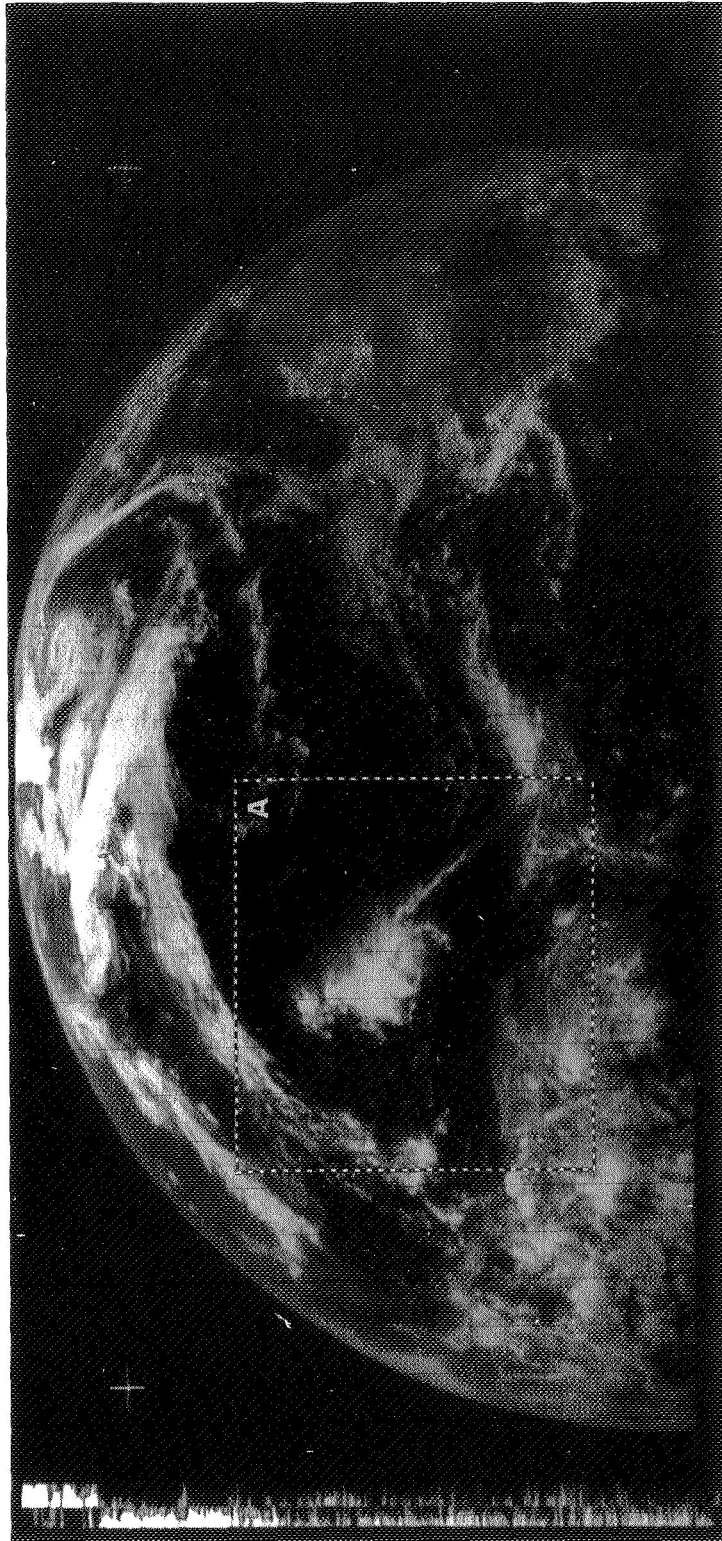
ATS-III MSSCC 30 JUL 69 15 01 44 Z 23

# MSSCC

31 Jul 69

SSP 46.53 W 0.07 S

Seq	End Time	Remarks
1	09 19 59	Half Scan
2	09 32 44	Half Scan
3	09 45 30	Half Scan Noise Picture Good
4	09 58 15	Half Scan
5	10 11 01	Half Scan
6	10 23 46	Half Scan Tropical Storm Anna
7	10 36 32	Half Scan Tropical Storm Anna
8	10 49 17	Half Scan Tropical Storm Anna
9	11 02 02	Half Scan Tropical Storm Anna
10	11 14 47	Half Scan Tropical Storm Anna
11	11 27 33	Half Scan Tropical Storm Anna
12	11 40 18	Half Scan Tropical Storm Anna
13	11 53 01	Half Scan Tropical Storm Anna
14	12 31 29	Half Scan Tropical Storm Anna
15	12 44 14	Half Scan Tropical Storm Anna
16	12 57 03	Half Scan Tropical Storm Anna
17	13 09 51	Half Scan Tropical Storm Anna
18	13 22 39	Half Scan Tropical Storm Anna
19	13 35 27	Half Scan Tropical Storm Anna
20	13 48 16	Half Scan Tropical Storm Anna
21	14 01 04	Half Scan Tropical Storm Anna
22	14 13 55	Half Scan Tropical Storm Anna
23	14 26 40	Half Scan Tropical Storm Anna
24	14 41 39	Half Scan Tropical Storm Anna Phasing Error
25	14 54 25	Half Scan Tropical Storm Anna Phasing Error
26	15 07 13	Half Scan Tropical Storm Anna Noise
27	15 20 02	Half Scan Tropical Storm Anna
28	15 32 50	Half Scan Tropical Storm Anna
29	15 45 38	Half Scan Tropical Storm Anna
30	15 58 27	Half Scan Tropical Storm Anna Noise
31	16 11 15	Half Scan Tropical Storm Anna
32	16 24 03	Half Scan Tropical Storm Anna
33	16 36 51	Half Scan Tropical Storm Anna
34	16 51 00	Half Scan Tropical Storm Anna
35	17 03 54	Half Scan Tropical Storm Anna
36	17 16 52	Half Scan Tropical Storm Anna
37	17 29 49	Half Scan Tropical Storm Anna
38	17 42 37	Half Scan Tropical Storm Anna
39	17 55 25	Half Scan Tropical Storm Anna
40	18 08 13	Half Scan Tropical Storm Anna
41	18 21 02	Half Scan Tropical Storm Anna Noise
42	18 33 50	Half Scan Tropical Storm Anna
43	18 46 39	Half Scan Tropical Storm Anna Phasing Error
44	18 59 27	Half Scan Tropical Storm Anna Phasing Error
45	19 14 20	Half Scan Tropical Storm Anna Phasing Error
46	19 29 07	Half Scan Tropical Storm Anna Phasing Error
47	19 41 58	Half Scan Tropical Storm Anna Noise
48	19 54 46	Half Scan Tropical Storm Anna Phasing Error
49	20 07 56	Half Scan Tropical Storm Anna Phasing Error
50	20 20 41	Half Scan Tropical Storm Anna Phasing Error
51	20 33 27	Half Scan Tropical Storm Anna Phasing Error
52	20 46 16	Half Scan Tropical Storm Anna Phasing Error



ATS-111 MSSCC 31 JUL 69 15 07 13 Z 26





## SECTION 4

### THE ATS-III MSSCC AND IDCS TAPE LISTINGS

Multicolor Spin Scan Cloud Camera Experiment analog data tape (green channel only) listing was compiled by the University of Wisconsin. For information relative to content and availability, contact:

The University of Wisconsin  
ATS Program Manager  
Space Science and Engineering Center  
1225 West Dayton Street  
Madison, Wisconsin 53706  
Area Code 608-262-1023

Multicolor Spin Scan Cloud Camera analog data tapes (three color) are filed at NASA, Goddard Space Flight Center (GSFC). These tapes can only be read on special equipment. For information relative to content and availability, contact:

National Aeronautics and Space Administration  
Goddard Space Flight Center  
Greenbelt, Maryland 20771  
ATTN: NADUC Code 460

Multicolor Spin Scan Cloud Camera Experiment digital tapes are not normally archived. Once routine data processing and specially established requirements for digital enlargement are met, they are degaussed. Special requirements for digital MSSCC tapes must be established in advance with the ATS Project, GSFC, Greenbelt, Maryland 20771, Attn. Code 460.

Image Dissector Camera System analog data tapes are filed at Goddard Space Flight Center. These data tapes can only be read on special equipment. Address any queries to:

National Aeronautics and Space Administration  
Goddard Space Flight Center  
Greenbelt, Maryland 20771  
ATTN: Mr. Gilbert Branchflower,  
IDCS Experimenter  
Code 731

MSSCC ANALOG DATA TAPES  
(GREEN CHANNEL ONLY)  
AVAILABLE AT THE UNIVERSITY OF WISCONSIN

Reel & Track No.	Day	Time Hr. Min.		Sequence No.	Remarks
Reel 1					
Odd Tracks	062/8	13	45	R8	
	062/8	14	12	R9	
	062/8	14	40	R10	
	062/8	16	57	R15	
	062/8	17	25	R16	
	062/8	17	52	R17	
Even Tracks	062/8	18	47	R19	
	062/8	19	15	R20	
	062/8	19	42	R21	
	062/8	20	10	R22	
	062/8	20	37	R23	
	062/8	21	05	R24	
	062/8	21	24	R25	
Reel 2					
Odd Tracks	063/8	11	07	R1	
	063/8	11	34	R2	
	063/8	12	02	R3	
	063/8	12	29	R4	
	063/8	12	57	R5	
	063/8	13	24	R6	
Even Tracks	063/8	14	05	R7	
	063/8	14	19	R8	
	063/8	14	46	R9	
	063/8	15	14	R10	
	063/8	15	41	R11	
	063/8	16	09	R12	
Reel 3					
Odd Tracks	063/8	19	02	R18	
	063/8	19	21	R19	
	063/8	19	49	R20	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	063/8	20	16	R21	
	063/8	21	11	R23	
	063/8	21	38	R24	
Even Tracks	063/8	22	33	R26	
	063/8	23	01	R27	
	063/8	23	28	R28	
	063/8	23	56	R29	
	064/8	00	23	R30	
	064/8	00	51	R31	
Reel 4					
Odd Tracks	066/8	14	28	R3	
	Sequence no's 4-13 on these tracks but times not recorded. End time of sequence 13 was 16 33GMT.				
Even Tracks	066/8	17	51	R15	
	Sequence no's 16-24 on these tracks but times not recorded. End time of sequence 24 was 20 39GMT.				
Reel 5					
Odd Tracks	067/8	00	15	R38	Not complete due to rewind.
Even Tracks	067/8	00	35	R39	Started at line 600—not a com- plete picture.
Reel 6					
Odd Tracks	071/8	16	42	R1	
	071/8	17	04	R2	
	071/8	17	31	R3	
	071/8	17	58	R4	
Even Tracks	072/8	16	40	R1	
	072/8	17	07	R2	
	072/8	17	35	R3	
	072/8	18	02	R4	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 7					
Odd Tracks	074/8	03	47	R1	Eclipse
	074/8	05	14	R2	Eclipse
	074/8	05	42	R3	Eclipse
	074/8	06	10	R4	Eclipse
	074/8	06	37	R5	Eclipse
Even Tracks	077/8	16	34	R1	
	077/8	17	01	R2	
	077/8	17	28	R3	
	085/8	11	37	R1	
Reel 8					
Odd Tracks	093/8	18	46	R18	
	093/8	19	13	R19	
	093/8	19	41	R20	
	093/8	20	08	R21	
	093/8	20	36	R22	
	093/8	21	03	R23	
	093/8	21	31	R24	
Even Tracks	093/8	22	26	R26	
	093/8	22	53	R27	
	093/8	23	21	R28	
	093/8	23	48	R29	
	094/8	00	16	R30	
	094/8	00	43	R31	
	094/8	01	11	R32	Bad picture
Reel 9					
Odd Tracks	0 /8	20	50	R1	Sun picture
	0 /8	21	23	R2	
	091/8	11	58	R1	
	091/8	12	26	R2	
	091/8	12	53	R3	
	091/8	13	34	R4	
Even Tracks	093/8	16	01	R12	
	093/8	16	29	R13	
	093/8	16	56	R14	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	093/8	17	24	R15	
	093/8	17	52	R16	
	093/8	18	19	R17	
<hr/>					
Reel 10					
Odd Tracks	095/8	11	27	R1	
	095/8	12	00	R2	
	095/8	12	16	R3	
	095/8	12	37	R4	
	095/8	12	58	R5	
	095/8	13	19	R6	
	095/8	13	40	R7	
	095/8	14	01	R8	
	095/8	14	21	R9	
Even Tracks	095/8	14	42	R10	
	095/8	15	03	R11	
	095/8	15	54	R14	
	095/8	16	15	R15	
	095/8	16	43	R16	
	095/8	17	10	R17	
	095/8	17	38	R18	
	095/8	18	05	R19	
<hr/>					
Reel 11					
Odd Tracks	095/8	18	41	R20	
	095/8	19	00	R21	
	095/8	19	28	R22	
	095/8	19	55	R23	
	095/8	20	23	R24	
	095/8	21	25	R25	
Even Tracks	098/8	12	41	R1	
	098/8	13	08	R2	
	098/8	13	36	R3	
	098/8	14	03	R4	
	098/8	14	31	R5	
	098/8	14	58	R6	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 12					
Odd Tracks	098/8	15	46	R7	
	098/8	16	11	R8	
	098/8	16	38	R9	
	098/8	17	05	R10	
	098/8	17	33	R11	
	098/8	18	01	R12	
	098/8	18	28	R13	
Even Tracks	098/8	19	07	R14	
	098/8	19	23	R15	
	098/8	19	51	R16	
	098/8	20	18	R17	
	098/8	20	45	R18	
	098/8	21	13	R19	
	098/8	21	40	R20	
	098/8	22	08	R21	
Reel 12A					
Odd Tracks	098/8	23	03	R23	
	098/8	23	30	R24	
	098/8	23	58	R25	
	099/8	00	25	R26	
	100/8	15	04		Not good
	100/8	15	51	R1	
	100/8	16	08	R2	
	100/8	16	32	R3	
Even Tracks	100/8	17	43	R4	
	100/8	18	06	R5	
	100/8	18	31	R6	
	101/8	13	03	R1	
Reel 12B					
Odd Tracks	101/8	16	00	R2	
	101/8	16	28	R3	
	101/8	16	55	R4	
	101/8	17	23	R5	
	101/8	17	50	R6	
	101/8	18	18	R7	
	101/8	18	45	R8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	102/8	13	16	R1	
	102/8	16	24	R2	
	102/8	16	52	R3	
	102/8	17	19	R4	
	102/8	17	47	R5	
	102/8	18	14	R6	
	102/8	19	18	R7	
<hr/>					
Reel 13					
Odd Tracks	103/8	16	14	R1	
	103/8	16	41	R2	
	103/8	17	09	R3	
	103/8	17	36	R4	
	103/8	18	04	R5	
	103/8	18	31	R6	
	103/8	19	11	R7	
Even Tracks	104/8	13	26	R1	
	104/8	13	54	R2	
	104/8	14	21	R3	
	104/8	15	04	R4	
	104/8	15	34	R5	
	104/8	16	01	R6	
	104/8	16	29	R7	Not complete
<hr/>					
Reel 14					
Odd Tracks	104/8	21	04	R17	
	104/8	21	31	R18	
	104/8	21	59	R19	
	104/8	22	26	R20	
	104/8	22	53	R21	
	104/8	23	21	R22	
	104/8	23	48	R23	
Even Tracks	104/8	17	24	R9	
	104/8	17	51	R10	
	104/8	18	19	R11	
	104/8	18	46	R12	
	104/8	19	14	R13	
	104/8	19	41	R14	
	104/8	20	09	R15	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 15					
Odd Tracks	104/8	00	16	R24	
	105/8	00	43	R25	
	107/8	16	57	R1	
	107/8	17	25	R2	
	107/8	18	04	R3	
Even Tracks	107/8	19	00	R5	
	107/8	19	27	R6	
	107/8	19	54	R7	
	107/8	20	22	R8	
	107/8	20	49	R9	
	107/8	21	24	R10	
Reel 16					
Odd Tracks	107/8	22	09	R11	
	107/8	22	19	R12	
	107/8	22	46	R13	
	107/8	23	14	R14	
	107/8	23	41	R15	
	108/8	00	08	R1	
	108/8	00	36	R2	
Even Tracks	108/8	13	25	R3	
	108/8	13	55	R4	
	108/8	14	22	R5	
	108/8	14	50	R6	
	108/8	15	17	R7	
	108/8	15	45	R8	
	108/8	16	10	R9	
Reel 17					
Odd Tracks	108/8	20	59	R19	
	108/8	21	27	R20	
	108/8	21	54	R21	
	108/8	22	08	R22	
	108/8	22	22	R23	
	108/8	22	37	R24	
	108/8	22	50	R25	
	108/8	23	04	R26	
	108/8	23	19	R27	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	108/8	23	34	R28	
	108/8	23	48	R29	
	108/8	00	02	R30	
Even Tracks	108/8	17	07	R11	
	108/8	17	35	R12	
	108/8	18	02	R13	
	108/8	18	30	R14	
	108/8	19	00	R15	
	108/8	19	28	R16	
	108/8	20	00	R17	
<hr/>					
Reel 18					
Odd Tracks	109/8	14	43	R4	
	109/8	14	59	R5	
	109/8	15	11	R6	
	109/8	15	24	R7	
	109/8	15	38	R8	
	109/8	15	52	R9	
	109/8	16	06	R10	
	109/8	16	19	R11	
	109/8	16	33	R12	
	109/8	16	47	R13	
	109/8	17	01	R14	
	109/8	17	14	R15	
	109/8	17	28	R16	
Even Tracks	109/8	18	23	R18	
	109/8	18	50	R19	
	109/8	23	35	R20	
	110/8	16	19	R1	
	110/8	16	33	R2	
	110/8	16	48	R3	
	110/8	17	03	R4	
	110/8	17	17	R5	
<hr/>					
Reel 19					
Odd Tracks	110/8	18	15	R9	Green only - all pictures this reel
	110/8	18	30	R10	
	110/8	18	43	R11	
	110/8	18	57	R12	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	110/8	19	11	R13	
	110/8	19	25	R14	
	110/8	19	38	R15	
	110/8	19	52	R16	
	110/8	20	06	R17	
	110/8	20	20	R18	
	110/8	20	33	R19	
	110/8	20	47	R20	
	110/8	21	01	R21	
	110/8	21	14	R22	
Even Tracks	110/8	21	44	R24	
	110/8	21	56	R25	
	110/8	22	09	R26	
	110/8	22	23	R27	
	110/8	22	37	R28	
	110/8	22	51	R29	
	110/8	23	04	R30	
	110/8	23	18	R31	
	110/8	23	32	R32	
	110/8	23	46	R33	
	110/8	23	59	R34	
	110/8	00	13	R35	
	110/8	00	27	R36	These two are ac- tually early in day 111/8
	110/8	00	41	R37	
<hr/>					
Reel 20					
Odd Tracks	111/8	13	59	R1	
	111/8	14	13	R1	
	111/8	16	16	R2	
	111/8	16	44	R3	
	111/8	17	11	R4	
	111/8	17	17	R5	
	111/8	17	44	R6	
Even Tracks	112/8	13	49	R1	
	112/8	15	11	R2	
	112/8	15	39	R3	
	112/8	16	06	R4	
	112/8	16	34	R5	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	112/8	17	01	R6	
	112/8	17	28	R7	
<hr/>					
Reel 21					
Odd Tracks	113/8	18	36	R16	
	113/8	18	49	R17	
	113/8	19	03	R18	
	113/8	19	17	R19	
	113/8	19	30	R20	
	113/8	19	44	R21	
	113/8	19	55	R22	
	113/8	20	09	R23	
	113/8	20	22	R24	
	113/8	20	36	R25	
	113/8	20	50	R26	
	113/8	21	03	R27	
	113/8	21	16	R28	
	113/8	21	29	R29	
Even Tracks	113/8	14	53	R1	Green only
	113/8	15	07	R2	Green only
	113/8	15	21	R3	Green only
	113/8	15	34	R4	Green only
	113/8	15	48	R5	Green only
	113/8	16	01	R6	Green only
	113/8	16	15	R7	Green only
	113/8	16	29	R8	Green only
	113/8	16	42	R9	Green only
	113/8	16	56	R10	Green only
	113/8	17	09	R11	Green only
	113/8	17	23	R12	Green only
	113/8	17	36	R13	Green only
	113/8	17	50	R14	Green only
<hr/>					
Reel 22					
Odd Tracks	113/8	22	11	R32	Green only
	113/8	22	23	R33	Green only
	113/8	22	36	R34	Green only
	113/8	22	50	R35	Green only
	113/8	23	04	R36	Green only
	113/8	23	17	R37	Green only

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	113/8	23	31	R38	Green only
	113/8	23	44	R39	Green only
	113/8	23	58	R40	
	114/8	00	12	R1	
	114/8	00	25	R2	
Even Tracks	114/8	12	10	R5	
	114/8	12	20	R6	
	114/8	12	34	R7	
	114/8	12	48	R8	
	114/8	13	02	R9	
	114/8	13	32	R10	
	114/8	13	17	R11	
	114/8	13	46	R12	
	114/8	14	00	R13	
	114/8	14	15	R14	
	114/8	14	28	R15	
	114/8	14	42	R16	
	114/8	14	55	R17	
	114/8	15	09	R18	
	114/8	15	23	R19	
<hr/>					
Reel 22A					
Odd Tracks	114/8	23	28	R54	
	114/8	23	42	R55	
	115/8	23	56	R1	
	115/8	00	10	R2	
	115/8	00	23	R3	
	115/8	00	37	R4	
	115/8	00	51	R5	
	115/8	11	11	R6	
	115/8	11	26	R7	
	115/8	11	40	R8	
	115/8	11	53	R9	
	115/8	12	07	R10	
	115/8	12	21	R11	
Even Tracks	115/8	12	35	R12	
	115/8	12	49	R13	
	115/8	13	03	R14	
	115/8	13	17	R15	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	115/8	23	03	R16	
	115/8	23	18	R17	
	115/8	23	33	R18	
	115/8	23	46	R19	
	116/8	00	00	R1	
	116/8	00	14	R2	
	116/8	00	28	R3	
	116/8	00	42	R4	
<hr/>					
Reel 23					
Odd Tracks	119/8	16	06	R1	
	119/8	16	34	R2	
	119/8	17	01	R3	
	119/8	17	29	R4	
	119/8	17	56	R5	
	119/8	18	24	R6	
	119/8	18	51	R7	
Even Tracks	119/8	19	32	R8	
	119/8	19	46	R9	
	119/8	20	13	R10	
	119/8	20	41	R11	
	119/8	21	08	R12	
	119/8	21	36	R13	
	119/8	22	03	R14	
	119/8	22	31	R15	Not complete
<hr/>					
Reel 24		For this reel, the date was left off the transmittal form, and only time and sequence number was recorded for each entry.			
Odd Tracks		16	34	R24	
		16	48	R25	
		17	01	R26	
		17	15	R27	
		17	29	R28	
		17	42	R29	
		17	56	R30	
		18	10	R31	
		18	23	R32	
		18	37	R33	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks		18	51	R34	
		19	05	R35	
		19	18	R36	
		19	32	R37	
Even Tracks		20	00	R39	
		20	15	R40	
		20	29	R41	
		20	43	R42	
		20	57	R43	
		21	10	R44	
		21	25	R45	
		21	38	R46	
		21	52	R47	
		22	06	R48	
		22	20	R49	
		22	33	R50	
		22	47	R51	

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Reel 100      This reel, though numbered 100, follows after reel 24. With this reel a new numbering system went into effect at Rosman.

Odd Tracks	119/8	13	39	R7	
	119/8	14	07	R8	
	119/8	14	34	R9	
	119/8	15	02	R10	
	119/8	15	29	R11	
	119/8	15	56	R12	
	119/8	16	24	R13	
	119/8	16	51	R14	
	119/8	17	05	R15	
Even Tracks	119/8	23	36	R17	
	120/8	23	53	R1	
	120/8	00	21	R2	
	120/8	11	49	R3	
	120/8	12	17	R4	
	120/8	12	44	R5	
	120/8	13	12	R6	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
<hr/>					
Reel 101					
Odd Tracks	120/8	17	32	R17	
	120/8	17	46	R18	
	120/8	18	00	R19	
	120/8	18	14	R20	
	120/8	18	31	R21	
	120/8	18	45	R22	
	120/8	18	59	R23	
	120/8	19	12	R24	
	120/8	19	26	R25	
	120/8	19	40	R26	
	120/8	19	55	R27	
	120/8	20	09	R28	
	120/8	20	23	R29	
	Even Tracks	120/8	20	50	R31
120/8		21	04	R32	
120/8		21	17	R33	
120/8		21	31	R34	
120/8		21	45	R35	
120/8		21	59	R36	
120/8		22	12	R37	
120/8		22	36	R38	
120/8		22	40	R39	
120/8		22	54	R40	
120/8		23	09	R41	
120/8		23	22	R42	
120/8		23	36	R43	
121/8		00	02	R1	
<hr/>					
Reel 102					
Odd Tracks	121/8	14	28	R19	
	121/8	14	33	R20	
	121/8	14	47	R21	
	121/8	15	01	R22	
	121/8	15	15	R23	
	121/8	15	29	R24	
	121/8	15	42	R25	
	121/8	15	56	R26	
	121/8	16	10	R27	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	121/8	16	24	R28	
	121/8	16	51	R29	
	121/8	17	18	R30	
Even Tracks	121/8	00	17	R3	
	121/8	00	31	R4	
	121/8	00	45	R5	
	121/8	11	21	R6	
	121/8	11	35	R7	
	121/8	11	49	R8	
	121/8	12	02	R9	
	121/8	12	16	R10	
	121/8	12	30	R11	
	121/8	12	44	R12	
	121/8	12	57	R13	
	121/8	13	11	R14	
	121/8	13	25	R15	
	121/8	13	38	R16	
<hr/>					
Reel 103					
Odd Tracks	121/8	18	06	R31	
	121/8	18	13	R32	
	121/8	18	41	R33	
	121/8	19	08	R34	
	121/8	19	36	R35	
	121/8	20	03	R36	
	121/8	20	31	R37	
	121/8	20	58	R38	
Even Tracks	121/8	21	39	R39	
	121/8	21	53	R40	
	121/8	22	21	R41	
	121/8	22	48	R42	
	121/8	23	15	R43	
	122/8	23	43	R1	
	122/8	00	10	R2	
	122/8	00	38	R3	
<hr/>					
Reel 104					
Odd Tracks	122/8	14	50	R13	
	122/8	15	18	R14	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	122/8	15	45	R15	
	122/8	16	13	R16	
	122/8	16	41	R17	
	122/8	17	09	R18	
	122/8	17	36	R19	
	122/8	18	04	R20	
Even Tracks	122/8	11	04	R4	
	122/8	11	32	R5	
	122/8	11	38	R6	
	122/8	12	06	R7	
	122/8	12	33	R8	
	122/8	13	00	R9	
	122/8	13	28	R10	
<hr/>					
Reel 105					
Odd Tracks	122/8	18	31	R21	
	122/8	18	59	R22	
	122/8	19	26	R23	
	122/8	19	54	R24	
	122/8	20	21	R25	
	122/8	20	49	R26	
	122/8	21	16	R27	
Even Tracks	122/8	22	11	R29	
	122/8	22	38	R30	
	122/8	23	06	R31	
	122/8	23	33	R32	
	123/8	00	01	R1	
	123/8	00	28	R2	
<hr/>					
Reel 106					
Odd Tracks	123/8	11	06	R3	Incomplete Restarted
	123/8	11	23	R3	
	123/8	11	50	R4	
	123/8	12	17	R5	
	123/8	12	45	R6	
	123/8	13	12	R7	
	123/8	13	39	R8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	123/8	14	34	R10	
	123/8	15	02	R11	
	123/8	15	29	R12	
	123/8	15	57	R13	
	123/8	16	24	R14	
	123/8	16	52	R15	
<hr/>					
Reel 107					
Odd Tracks	123/8	17	47	R17	
	123/8	18	14	R18	
	123/8	18	41	R19	
	123/8	19	09	R20	
	123/8	19	36	R21	
	123/8	20	04	R22	
Even Tracks	123/8	20	59	R24	
	123/8	21	26	R25	
	123/8	21	51	R26	
	123/8	22	21	R27	
	123/8	22	49	R28	
	123/8	23	16	R29	
	123/8	23	44	R30	
<hr/>					
Reel 108					
Odd Tracks	124/8	11	12	R2	
	124/8	11	40	R3	
	124/8	12	07	R4	
	124/8	12	35	R5	
	124/8	13	02	R6	
	124/8	13	30	R7	
Even Tracks	124/8	14	25	R9	
	124/8	14	52	R10	
	124/8	15	20	R11	
	124/8	15	47	R12	
	124/8	16	15	R13	
	124/8	16	42	R14	
<hr/>					
Reel 109					
Odd Tracks	124/8	22	01	R23	
	124/8	22	29	R24	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	124/8	22	57	R25	
	124/8	23	25	R26	
	124/8	23	52	R27	
	125/8	00	20	R1	
	125/8	00	48	R2	
Even Tracks	124/8	17	37	R16	
	124/8	18	04	R17	
	124/8	18	32	R18	
	124/8	18	59	R19	
	124/8	19	27	R20	
	124/8	21	56	R21	
<hr/>					
Reel 110					
Odd Tracks	125/8	13	43	R2	
	125/8	14	59	R3	
	125/8	15	27	R4	
	125/8	15	55	R5	
	125/8	16	43	R6	
	126/8	12	32	R1	
Even Tracks	126/8	15	32	R2	
	126/8	16	00	R3	
	126/8	16	28	R4	
	126/8	16	55	R5	
	126/8	17	23	R6	
	126/8	17	51	R7	
	126/8	18	19	R8	
<hr/>					
Reel 111					
Odd Tracks	127/8	18	33	R9	
	128/8	16	27	R1	
	128/8	16	55	R2	
	128/8	17	23	R3	
	128/8	17	51	R4	
	128/8	18	13	R5	
	128/8	18	41	R6	
	128/8	19	08	R7	Picture incomplete
Even Tracks	127/8	12	57	R1	
	127/8	15	23	R2	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	127/8	15	51	R3	
	127/8	16	19	R4	
	127/8	16	47	R5	
	127/8	17	42	R6	
	127/8	17	58	R7	
	127/8	18	05	R8	
<hr/>					
Reel 112					
Odd Tracks	129/8	13	57	R1	
	129/8	15	11	R2	
	129/8	15	38	R3	
	129/8	16	06	R4	
	129/8	16	34	R5	
	129/8	17	02	R6	
	129/8	17	30	R7	
Even Tracks	130/8	13	44	R1	
	130/8	15	23	R2	
	130/8	15	50	R3	
	130/8	16	18	R4	
	130/8	16	46	R5	
	130/8	17	14	R6	
	130/8	17	42	R7	
<hr/>					
Reel 113					
Odd Tracks	132/8	10	53	R1	
	132/8	14	50	R2	
	132/8	15	18	R3	
	132/8	15	46	R4	
	132/8	16	14	R5	
	132/8	16	41	R6	
	132/8	17	09	R7	
	132/8	17	37	R8	
Even Tracks	131/8	16	04	R1	
	131/8	16	31	R2	
	131/8	16	59	R3	
	131/8	17	27	R4	
	131/8	17	55	R5	
	131/8	18	23	R6	
	131/8	18	50	R7	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
<hr/>					
Reel 114					
Odd Tracks	137/8	07	27	R1	
	137/8	07	53	R2	
	137/8	08	23	R3	
	137/8	08	51	R4	
	137/8	09	19	R5	
	137/8	09	47	R6	
Even Tracks	137/8	10	44	R8	
	137/8	11	12	R9	
	137/8	11	40	R10	
	137/8	12	18	R11	
	137/8	12	36	R12	
	137/8	13	25	R13	
<hr/>					
Reel 115					
Odd Tracks	137/8	15	17	R17	
	137/8	15	45	R18	
	137/8	16	13	R19	
	137/8	16	41	R20	
	137/8	18	51	R21	
	137/8	19	19	R22	
	137/8	19	47	R23	
Even Tracks	137/8	20	43	R25	
	137/8	21	12	R26	
	137/8	21	40	R27	
	137/8	22	08	R28	
	137/8	22	36	R29	
	137/8	23	04	R30	
	137/8	23	33	R31	
<hr/>					
Reel 116					
Odd Tracks	138/8	00	21	R1	
	138/8	16	50	R3	
	138/8	11	04	R4	
	138/8	11	19	R5	
	138/8	11	32	R6	
	138/8	11	46	R7	
	138/8	12	01	R8	
	138/8	12	16	R9	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	138/8	12	30	R10	
	138/8	12	44	R11	
Even Tracks	138/8	12	58	R12	
	138/8	13	16	R13	
<hr/>					
Reel 117					
Odd Tracks	138/8	14	57	R19	
	138/8	15	11	R20	
	138/8	15	26	R21	
	138/8	15	40	R22	
	138/8	15	54	R23	
	138/8	16	08	R24	
	138/8	16	22	R25	
	138/8	16	36	R26	
	138/8	16	50	R27	
	138/8	17	04	R28	
	138/8	17	18	R29	
	138/8	17	32	R30	
	138/8	17	47	R31	
Even Tracks	138/8	18	29	R34	
	138/8	18	43	R35	
	138/8	18	57	R36	
	138/8	19	11	R37	
	138/8	19	25	R38	
	138/8	19	39	R39	
	138/8	19	53	R40	
	138/8	20	07	R41	
	138/8	20	22	R42	
	138/8	20	36	R43	
	138/8	20	50	R44	
	138/8	21	05	R45	
	138/8	21	19	R46	
	138/8	21	33	R47	
<hr/>					
Reel 118					
Odd Tracks	140/8	17	25	R5	
	140/8	17	53	R6	
	140/8	18	22	R7	
	140/8	23	09	R8	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	141/8	13	35	R1	
	142/8	10	19	R1	
Even Tracks	138/8	22	01	R49	
	138/8	22	15	R50	
	138/8	22	29	R51	
	138/8	22	43	R52	
	138/8	22	57	R53	
	138/8	23	11	R54	
	138/8	23	25	R55	
	138/8	23	39	R56	
	140/8	15	32	R1	
	140/8	16	00	R2	
	140/8	16	29	R3	
	140/8	16	57	R4	
<hr/>					
Reel 119					
Odd Tracks	144/8	11	37	R6	
	144/8	11	51	R7	
	144/8	12	05	R8	
	144/8	12	20	R9	
	144/8	12	34	R10	
	144/8	12	53	R11	
	144/8	13	07	R12	
	144/8	13	21	R13	
	144/8	13	35	R14	
	144/8	13	49	R15	
	144/8	14	03	R16	
Even Tracks	144/8	14	46	R19	
<hr/>					
Reels 120-128					No useable data
<hr/>					
Reel 129					Missing
<hr/>					
Reel 130					
Odd Tracks	205/8	12	15	R3	
	205/8	12	34	R4	
	205/8	12	56	R5	
	205/8	13	18	R6	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	206/8	11	09	R1	
	206/8	11	25	R2	
	206/8	11	44	R3	
	206/8	12	04	R4	
	206/8	12	13	R5	
	206/8	12	33	R6	
	206/8	12	53	R7	
	206/8	13	12	R8	
	206/8	13	52	R9	
<hr/>					
Reel 131					
Odd Tracks	206/8	14	12	R11	
	206/8	14	32	R12	
	206/8	14	51	R13	
	206/8	15	11	R14	
	206/8	15	31	R15	
	206/8	15	50	R16	
	206/8	16	10	R17	
	206/8	16	30	R18	
	206/8	16	49	R19	
	206/8	17	09	R20	
Even Tracks	206/8	17	48	R22	
	206/8	18	09	R23	
	206/8	18	28	R24	
	206/8	18	48	R25	
	206/8	19	07	R26	
	206/8	19	27	R27	
	206/8	19	47	R28	
	206/8	20	06	R29	
	206/8	20	26	R30	
	206/8	20	46	R31	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
<hr/>					
Reel 132					
Odd Tracks	100/9	10	08	R1	
	100/9	10	29	R2	
	100/9	10	58	R3	
	100/9	11	21	R4	
	100/9	11	42	R5	
<hr/>					
Reel 133					
Odd Tracks	103/9	21	03	R1	
	103/9	21	16	R2	
	103/9	21	29	R3	
	103/9	21	47	R4	
	103/9	21	59	R5	
	103/9	22	12	R6	
	103/9	22	25	R7	
	103/9	22	43	R8	
	103/9	22	55	R9	
	103/9	23	08	R10	
	103/9	23	21	R11	
Even Tracks	103/9	23	46	R13	
	106/9	12	54	R5	
	106/9	13	06	R6	
	106/9	13	19	R7	
	106/9	13	31	R8	
	106/9	13	44	R9	
	106/9	13	57	R10	
	106/9	14	09	R11	
	106/9	14	25	R12	
	106/9	14	38	R13	
	106/9	14	50	R14	
<hr/>					
Reel 134					
Odd Tracks	106/9	16	31	R21	
	106/9	16	44	R22	
	106/9	16	56	R23	
	106/9	17	09	R24	

Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Odd Tracks	106/9	17	21	R25	
	106/9	17	34	R26	
	106/9	17	47	R27	
	106/9	17	59	R28	
	106/9	18	12	R29	
	106/9	18	25	R30	
	106/9	18	37	R31	
	106/9	18	50	R32	
	106/9	18	58	R33	
Even Tracks	106/9	19	23	R35	
	106/9	19	36	R36	
	106/9	20	34	R38	
	106/9	20	51	R39	
	106/9	21	37	R40	
	106/9	21	57	R41	
	106/9	21	50	R42	
	106/9	22	04	R43	
	106/9	22	17	R44	
	106/9	22	29	R45	
	106/9	22	42	R46	
	106/9	22	55	R47	
<hr/>					
Reel 135					
Odd Tracks	108/9	11	21	R1	
	108/9	11	33	R2	
	108/9	11	48	R3	
	108/9	12	14	R4	
	108/9	12	27	R5	
	108/9	12	39	R6	
	108/9	12	52	R7	
	108/9	13	01	R8	
	108/9	13	27	R9	
	108/9	13	41	R10	
	108/9	13	54	R11	
	108/9	14	06	R12	
Even Tracks	108/9	14	57	R16	
	108/9	15	11	R17	
	108/9	15	23	R18	



Reel & Track No.	Day	Time		Sequence No.	Remarks
		Hr.	Min.		
Even Tracks	108/9	15	36	R19	
	108/9	15	49	R20	
	108/9	16	02	R21	
	108/9	16	15	R22	
	108/9	16	27	R23	
	108/9	16	40	R24	
	108/9	16	53	R25	
	108/9	17	05	R26	
	108/9	17	18	R27	
	108/9	17	31	R28	
<hr/>					
Reel 136					
Odd Tracks	108/9	18	35	R33	
	108/9	18	47	R34	
	108/9	19	13	R35	
	108/9	19	25	R36	
	108/9	19	38	R37	
	108/9	19	51	R38	
	108/9	20	04	R39	
	108/9	20	16	R40	
	108/9	20	29	R41	
	108/9	20	42	R42	
	108/9	20	55	R43	
	108/9	21	07	R44	
Even Tracks	108/9	21	45	R47	
	108/9	21	59	R48	
	108/9	22	11	R49	
	108/9	22	24	R50	
	108/9	22	37	R51	
	108/9	22	49	R52	
	108/9	23	02	R53	
	108/9	23	14	R54	
	108/9	23	27	R55	
	108/9	23	40	R56	

ATS-III  
ANALOG DATA ON TAPES  
BOMEX TIME PERIOD

Reel & Track No.	Day	GM Time Hr.      Min.		Sequence No.	Remarks
Reel 1					
Track F1	122/9	09	33	1	
	122/9	09	48	2	
	122/9	10	02	3	
	122/9	10	17	4	
	122/9	10	32	5	
	122/9	10	47	6	
	122/9	11	01	7	
	122/9	11	17	8	
	122/9	11	41	9	
	122/9	11	55	10	
	122/9	11	57	11	
Track R2	122/9	12	11	12	
	122/9	12	26	13	
	122/9	12	41	14	
	122/9	15	11	15	
	122/9	15	26	16	
	122/9	15	40	17	
	122/9	15	35	18	
	122/9	16	10	19	
	122/9	16	31	20	
	122/9	16	46	21	
Track F3	122/9	17	05	22	
	122/9	17	20	23	
	122/9	17	35	24	
	122/9	17	49	25	
	122/9	20	08	26	
	122/9	20	23	27	
	122/9	20	37	28	
	122/9	20	52	29	
	122/9	21	07	30	
	Track R4	122/9	21	22	31
122/9		21	36	32	
122/9		21	51	33	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	122/9	22	06	34	
	122/9	22	21	35	
	122/9	22	35	36	
Track F5	123/9	09	24	1	
	123/9	09	39	2	
	123/9	09	54	3	
	123/9	10	34	4	
	123/9	10	48	5	
	123/9	11	03	6	
	123/9	11	18	7	
	123/9	11	32	8	
	123/9	11	47	9	
	123/9	12	02	10	
	123/9	12	16	11	
	123/9	12	31	12	
Track R6	123/9	14	59	14	
	123/9	15	14	15	
	123/9	15	29	16	
	123/9	15	57	17	
	123/9	16	13	18	
	123/9	16	28	19	
	123/9	16	42	20	
	123/9	16	57	21	
	123/9	17	12	22	
	123/9	17	26	23	
	123/9	17	41	24	
Track F7	123/9	20	11	25	
	123/9	20	25	26	
	123/9	21	19	27	
	123/9	21	37	28	
	123/9	21	52	29	
	123/9	22	06	31	
	123/9	22	34	32	

Reel 2

Track F1 No Data on Track 1

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R2	124/9	14	59	12	
	124/9	15	14	13	
	124/9	15	28	14	
	124/9	15	57	15	
	124/9	16	12	16	
	124/9	16	27	17	
	124/9	16	41	18	
	124/9	16	56	19	
	124/9	17	11	20	
	124/9	17	25	21	
	124/9	17	40	22	
Track F3	124/9	19	58	23	
	124/9	20	13	24	
	124/9	20	28	25	
	124/9	21	27	26	
	124/9	21	42	27	
	124/9	21	57	28	
	124/9	22	11	29	
	124/9	22	26	30	
	124/9	22	41	31	
	125/9	09	28	1	
	125/9	09	43	2	
Track R4	125/9	10	23	3	
	125/9	10	37	4	
	125/9	10	52	5	
	125/9	11	07	6	
	125/9	11	22	7	
	125/9	11	47	8	
	125/9	12	17	9	
	125/9	12	42	10	
	125/9	14	52	11	
Track F5	125/9	15	07	12	
	125/9	15	21	13	
	125/9	15	36	14	
	125/9	16	02	15	
	125/9	16	17	16	
	125/9	16	32	17	
	125/9	16	47	18	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track F5	125/9	17	02	19	
	125/9	17	17	20	
	125/9	17	32	21	
	125/9	17	46	22	
Track R6	125/9	19	59	23	
	125/9	20	14	24	
	125/9	20	30	25	
	125/9	21	24	26	
	125/9	21	24	27	Incorrect time
	125/9	22	04	28	
	125/9	22	27	29	
	125/9	22	42	30	
	126/9	09	25	1	
	126/9	09	40	2	
	126/9	10	08	3	
Track F7	126/9	10	27	4	
	126/9	10	42	5	
	126/9	10	56	6	
	126/9	11	11	7	
	126/9	11	26	8	
	126/9	11	40	9	
	126/9	12	15	10	
	126/9	12	29	11	
	126/9	12	48	12	
	126/9	14	51	13	
	126/9	15	06	14	
Track R1	126/9	15	21	15	Track 1 recorded in reverse.
	126/9	15	35	16	
	126/9	16	01	17	
	126/9	16	16	18	
	126/9	16	30	19	
	126/9	16	45	20	
	126/9	17	00	21	
	126/9	17	15	22	
	126/9	17	29	23	
	126/9	17	44	24	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 3					
Track F1	126/9	20	19	25	Picture starts at line 320
	126/9	20	30	26	
	126/9	21	03	27	Lost video twice during picture
	126/9	21	13	28	
	126/9	21	28	29	
	126/9	21	42	30	Several bad lines
	126/9	22	05	31	
	126/9	22	20	32	Interm. video at line 900
	126/9	22	40	33	Lost video line 650
Track R2	127/9	09	10	1	
	127/9	09	25	2	
	127/9	09	40	3	
	127/9	10	14	4	
	127/9	10	28	5	
	127/9	10	43	6	
	127/9	10	58	7	
	127/9	11	13	8	
	127/9	11	27	9	
	127/9	12	07	10	
Track F3	127/9	15	46	11	
	127/9	16	17	12	
	127/9	16	32	13	
	127/9	16	46	14	
	127/9	17	01	15	
	127/9	17	16	16	
	127/9	17	30	17	
	127/9	17	45	18	
	127/9	18	00	19	
	127/9	18	14	20	
	127/9	18	30	21	
	127/9	18	44	22	
	127/9	18	59	23	1200 line picture
Track R4	127/9	19	14	24	
	127/9	19	29	25	



Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	127/9	19	44	26	
	127/9	19	58	27	
	127/9	20	13	28	
	127/9	21	15	29	
	127/9	21	30	30	
	127/9	21	45	31	
	127/9	22	00	32	
	127/9	22	47	33	
<hr/>					
Reel 4					
Track F1	128/9	09	25	1	
	128/9	09	04	2	
	128/9	11	14	3	
	128/9	11	29	4	
	128/9	12	35	5	
	128/9	12	51	6	
	128/9	14	54	7	
	128/9	15	09	8	
	128/9	15	24	9	
	128/9	15	39	10	
Track R2	128/9	15	53	11	
	128/9	16	08	12	
	128/9	16	36	13	
	129/9	09	19	1	
	129/9	09	42	2	
	129/9	10	39	3	
	129/9	10	54	4	
	129/9	11	09	5	
	129/9	12	41	6	
	129/9	15	16	7	
	129/9	15	33	8	
	129/9	16	02	9	
Track F3	129/9	16	39	10	
	129/9	16	53	11	
	129/9	17	08	12	
	129/9	17	23	13	
	129/9	17	37	14	
	129/9	17	52	15	
	129/9			16	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F3	130/9	09 12	1	
	130/9	09 27	2	
	130/9	09 41	3	
	130/9	10 40	4	
	130/9	10 55	5	
Track R4	130/9	14 41	6	
	130/9	14 56	7	
	130/9	15 10	8	
	130/9	15 25	9	
	130/9	15 40	10	
	130/9	16 06	11	
	130/9	16 38	12	
	130/9	16 52	13	
	130/9	17 12	14	
	130/9	17 22	15	
	130/9	17 36	16	
	130/9	19 59	17	
	130/9	20 14	18	
	130/9	20 29	19	
Track F5	131/9	16 44	1	
	131/9	16 59	2	
	131/9	17 13	3	
	131/9	17 28	4	
	131/9	17 43	5	
	131/9	20 04	6	
	131/9	20 18	7	
	131/9	20 33	8	
Track R6	131/9	21 42	9	
	131/9	21 56	10	
	131/9	22 11	11	
	131/9	22 26	12	
	131/9	22 41	13	
	132/9	09 34	1	
	132/9	09 45	2	
	132/9	11 16	3	
	132/9	11 31	4	
	132/9	11 45	5	
	132/9	12 38	6	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	132/9	14	58	7	
	132/9	15	13	8	
	132/9	15	27	9	
	132/9	15	42	10	
	132/9	16	09	11	
	132/9	16	36	12	
	132/9	16	50	13	
	132/9	17	06	14	
	132/9	17	21	15	
	132/9	17	35	16	
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Reel 5					
Track F1	133/9	09	08	1	
	133/9	09	24	2	
	133/9	09	38	3	
Track R2	133/9	15	02	4	
	133/9	15	17	5	
	133/9	15	32	6	
	133/9	15	46	7	
Track F3					Switched to Track 4 during picture 6
Track F4	136/9	10	39	6	
	136/9	10	52	7	
	136/9	11	05	8	
	136/9	11	17	9	
	136/9	11	30	10	
	136/9	11	42	11	
	136/9	12	28	12	
	136/9	12	41	13	
	136/9	12	53	14	
Track 5	No video				
Track 6	No recording				
Track 7	No recording				

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 6					
Track F3	134/9	09	17	1	
	134/9	09	32	2	
	134/9	09	47	3	
	134/9	16	13	4	
	134/9	16	45	5	
	134/9	17	00	6	
	134/9	17	13	7	
	134/9	17	28	8	
	134/9	17	43	9	
	134/9	21	15	10	
	134/9	21	43	11	
	134/9	21	58	12	
Track R4	134/9	22	14	13	Start line 150
	134/9	22	28	14	
	134/9	22	42	15	
Track F5	135/9	09	11	1	
	135/9	09	30	2	
	135/9	09	45	3	
	135/9	09	59	4	
	135/9	10	37	5	
	135/9	10	51	6	
	135/9	11	06	7	
	135/9	11	21	8	
	135/9	11	36	9	
	135/9	11	51	10	
Track R6	135/9	12	05	11	
	135/9	12	35	12	
	135/9	15	00	13	
	135/9	15	15	14	
	135/9	15	30	15	
	135/9	15	45	16	
	135/9	15	59	17	
	135/9	16	49	18	
	135/9	17	04	19	
	135/9	17	19	20	
	135/9	17	33	21	
	135/9	17	48	22	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F1	135/9	18 04	23	No picture recorded
	135/9	18 19	24	No picture recorded
	135/9	18 34	25	
	135/9	18 49	26	
	135/9	19 03	27	
	135/9	19 18	28	
	135/9	19 33	29	
	135/9	19 48	30	
	135/9	20 05	31	
	135/9	20 20	32	
	135/9	20 35	33	
	135/9	20 50	34	
Track R2	135/9	21 04	35	
	135/9	21 45	36	
	135/9	21 59	37	
	135/9	22 14	38	
	135/9	22 29	39	
	135/9	22 45	40	
<hr/>				
Reel 7				
Track F1	137/9	09 17	1	
	137/9	09 30	2	
	137/9	09 42	3	
	137/9	09 55	4	
	137/9	10 07	5	
	137/9	10 20	6	
	137/9	10 34	7	
	137/9	10 47	8	
	137/9	11 00	9	
	137/9	11 12	10	
	137/9	11 25	11	
	137/9	11 38	12	
	137/9	11 50	13	
Track R2	137/9	12 03	14	
	137/9	12 15	15	
	137/9	12 28	16	
	137/9	12 41	17	
	137/9	12 53	18	
	137/9	13 06	19	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R2	137/9	13	19	20	
	137/9	13	31	21	
	137/9	13	44	22	
	137/9	13	56	23	
	137/9	14	09	24	
	137/9	14	22	25	
	137/9	14	34	26	
	137/9	14	47	27	
Track F3	137/9	14	59	28	
	137/9	15	12	29	
	137/9	15	25	30	
	137/9	15	37	31	
	137/9	15	50	32	
	137/9	16	02	33	
	137/9	16	15	34	
	137/9	16	28	35	
	137/9	16	40	36	
	137/9	16	53	37	
	137/9	17	06	38	
	137/9	17	19	39	
	137/9	17	31	40	
	137/9	17	44	41	
Track R4	137/9	17	57	42	
	137/9	18	09	43	
	137/9	18	22	44	
	137/9	18	34	45	
	137/9	18	47	46	
	137/9	19	00	47	
	137/9	19	12	48	
	137/9	19	25	49	
	137/9	19	32	50	
	137/9	19	50	51	
	137/9	20	03	52	
	137/9	20	15	53	
	137/9	20	02	54	
	137/9	20	41	55	
Track F5	137/9	20	53	56	
	137/9	21	06	57	



Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track F5	137/9	21	19	58	
	137/9	21	32	59	
	137/9	21	45	60	
	137/9	21	58	61	
	137/9	22	10	62	
	137/9	22	23	63	
	137/9	22	36	64	
	137/9	22	48	65	
	138/9	09	20	1	
	138/9	09	32	2	
	138/9	09	45	3	
	138/9	09	57	4	
Track R6	138/9	10	10	5	
	138/9	10	14	6	
	138/9	11	04	7	
	138/9	11	13	8	
	138/9	11	26	9	
	138/9	12	47	10	First 250 lines missing
	138/9	20	10	11	
	138/9	20	25	12	
	138/9	20	39	13	
	138/9	21	49	14	
	138/9	22	04	15	
	138/9	22	19	16	
Track F7	138/9	22	34	17	
	139/9	10	54	1	
	139/9	11	06	2	
	139/9	11	19	3	
	139/9	12	08	4	
	139/9	12	49	5	
	139/9	15	01	6	
	139/9	15	13	7	
	139/9	15	26	8	
	139/9	15	39	9	
Reel 8					
Track F1	139/9	10	53	10	
	139/9	17	05	11	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F1	139/9	17	18	12	
	139/9	17	31	13	
	139/9	17	43	14	
	139/9	20	41	17	
	139/9	20	54	18	
	139/9	22	07	20	
	139/9	22	19	21	
	139/9	22	32	22	
	139/9	22	44	23	
	140/9	15	02	1	
	140/9	15	14	2	
Track R2	140/9	15	27	3	
	140/9	15	40	4	
	140/9	15	55	5	
	140/9	16	55	6	
	140/9	17	08	7	
	140/9	17	21	8	
	140/9	17	34	9	
	140/9	17	47	10	
	140/9	20	00	11	
	140/9	20	15	12	
	140/9	20	28	13	
	140/9	20	40	14	
	140/9	20	53	15	
Track F3	140/9	21	51	16	First 500 lines missing
	140/9	22	04	17	
	140/9	22	17	18	
	140/9	22	29	19	
	140/9	22	42	20	
	141/9	09	16	1	
	141/9	09	29	2	
	141/9	09	41	3	
	141/9	09	54	4	
	141/9	10	16	5	
	141/9	10	45	6	
	141/9	10	58	7	
	141/9	11	11	8	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track R4	141/9	11	23	9	
	141/9	11	36	10	
	141/9	11	48	11	
	141/9	12	01	12	
	141/9	12	48	13	
	141/9	15	00	14	
	141/9	15	13	15	
	141/9	15	26	16	
	141/9	15	38	17	
	141/9	15	53	18	
	141/9	16	40	19	
	141/9	16	53	20	
Track F5	141/9	17	06	21	
	141/9	17	18	22	
	141/9	17	31	23	
	141/9	17	44	24	
	141/9	20	16	25	
	141/9	20	28	26	
	141/9	20	41	27	
	141/9	20	53	28	
	141/9	21	48	29	
	141/9	22	00	30	
	141/9	22	13	31	
	141/9	22	26	32	
	141/9	22	38	33	
Track R6	142/9	09	13	1	
	142/9	09	25	2	
	142/9	09	38	3	
	142/9	09	53	4	
	142/9	10	05	5	
	142/9	10	48	6	
	142/9	11	01	7	
	142/9	11	13	8	
	142/9	11	26	9	
	142/9	12	51	10	
	143/9	09	11	1	
	143/9	09	24	2	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	143/9	09	37	3	
	143/9	09	52	4	
	143/9	10	01	5	
	143/9	10	51	6	
	143/9	11	03	7	
	143/9	11	16	8	
	143/9	11	29	9	
	143/9	12	56	10	
<hr/>					
Reel 9					
Track F3	143/9	14	59	11	
	143/9	15	12	12	
	143/9	15	25	13	
	143/9	15	37	14	
	143/9	15	52	15	
	143/9	16	52	16	
	143/9	17	04	17	
	143/9	17	17	18	
	143/9	17	30	19	
	143/9	17	42	20	
	143/9	20	40	21	Start line 90
	143/9	20	56	22	
	143/9	21	46	23	
	143/9	21	59	24	
Track R4	143/9	22	12	25	Start line 200
	143/9	22	24	26	
	143/9	22	37	27	
	148/9	10	12	1	
	148/9	10	24	2	
	148/9	10	39	3	
	148/9	10	52	4	
	148/9	11	05	5	
	148/9	11	18	6	
	148/9	11	31	7	
	148/9	11	43	8	
	148/9	11	56	9	MDA lost lock at line 720
	151/9	17	13	1	Less than 50 lines
	151/9	17	23	2	Video N. G.

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F1	152/9	13	29	2	
	152/9	13	51	3	
	152/9	14	16	4	
	152/9	14	42	5	
	152/9	15	33	6	
	152/9	15	58	7	
	152/9	19	19	8	
	152/9	20	38	9	
Track R2	153/9			1	
	153/9	11	43	2	Bad skew
	153/9	19	15	3	Bad skew, restart
	153/9	19	22	3	
	153/9	20	37	4	
	154/9	09	48	1	
	154/9	10	49	2	
Track F5	154/9	16	53	7	
	154/9	17	06	8	
	154/9	17	19	9	
	154/9	17	40	10	
	154/9	20	04	11	
	154/9	20	22	12	
	154/9	20	40	13	
	154/9	21	58	14	
	154/9	22	16	15	
	154/9	22	32	16	
	154/9	22	47	17	
	155/9	09	25	1	
Track R6	155/9	09	47	2	
	155/9	10	07	3	
	155/9	10	43	4	
	155/9	11	00	5	
	155/9	11	20	6	
	155/9	11	35	7	
	155/9	12	45	8	
	155/9	15	43	11	
	155/9	16	03	12	
	155/9			13	Lost picture
	155/9	17	00	14	

Reel & Track No.	Day	GM Time Hr.      Min.		Sequence No.	Remarks	
Track R6	155/9	17	17	15		
	155/9	17	33	16	Interference, lines 0-450	
Track F7	155/9	17	47	17		
	155/9	20	10	18		
	155/9	20	28	19		
	155/9	20	44	20		
	155/9	20	59	21		
	155/9	21	30	22		
	155/9	21	43	23	Picture started late	
	155/9	21	59	24		
	155/9	22	14	25		
	155/9	22	30	26		
Reel 10						
Track F1	156/9	09	36	6		
	156/9	09	53	7		
	156/9	10	11	8		
	156/9	10	47	9		
	156/9	11	03	10		
	156/9		19	11		
	156/9	12	44	12		
	156/9	15	50	13	Interference lines 100-300	
	156/9	15	22	14		
	156/9	15	38	15		
	156/9	15	53	16		
	156/9	16	11	17		
	156/9	16	51	18	Out of tape at line 1000	
Track R2	156/9	17	06	19		
	156/9	17	22	20		
	156/9	17	49	21		
	156/9	20	12	22		
	156/9	20	27	23		
	156/9	20	43	24		
	156/9	20	59	25		
	156/9	21	15	26		
	157/9	16	01	1		



Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R2	157/9	16	16	2	
	157/9	16	47	3	
	157/9	17	00	4	
	157/9	17	14	5	Lost picture
Track F2	157/9	17	27	6	
	157/9	17	40	7	
Track F3	157/9	20	06	8	
	157/9	20	15	9	
	157/9	20	31	10	
	157/9	20	44	11	
	157/9	20	56	12	
	157/9	21	20	13	
	158/9	10	00	1	
	158/9	11	30	2	
	158/9	12	48	3	No video
	158/9	15	09	4	
	158/9	15	30	5	
	158/9	15	44	6	
	158/9	16	00	7	
Track R4	158/9	16	43	8	Bad video
	158/9	16	56	9	Bad video
	158/9	17	19	10	Bad video
	158/9	17	41	11	Bad video
	158/9	17	33	12	Bad video
	158/9	20	11	12	Restart
	158/9	20	25	13	
	158/9	20	38	14	
	158/9	21	52	15	
	158/9	21	40	16	
	158/9	21	41	17	
	158/9	21	54	18	
	158/9	22	06	19	
	158/9	22	19	20	
Track F5	158/9	22	32	21	
	158/9	22	45	22	
	159/9	09	30	1	
	159/9	09	45	2	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F5	159/9	11	03	3	
	159/9	11	16	4	
	159/9	11	33	5	
	159/9	12	46	6	
	159/9	15	06	7	
	159/9	15	18	7	
	159/9	15	32	9	
	159/9	15	48	10	
	159/9	16	03	11	
Track R6	159/9	16	55	12	
	159/9	16	56	13	
	159/9	17	10	14	
	159/9	17	22	15	
	159/9	17	37	16	
	159/9	20	26	17	
	159/9	20	39	18	
	159/9	20	51	19	
	159/9	21	04	20	
	159/9	21	41	21	
	159/9	21	54	22	
	159/9	22	15	23	
Track F7	159/9	22	28	24	
	159/9	22	41	25	
	160/9	09	16	1	
	160/9	09	28	2	
Reel 11					
Track F1	160/9	10	45	4	
	160/9	10	58	5	
	160/9	11	12	6	
	160/9	11	25	7	
	160/9	12	44	8	No video
	160/9	14	51	9	
	160/9	15	03	10	
	160/9	15	16	11	
	160/9	15	28	12	
	160/9	15	41	13	
	160/9	15	56	14	
	160/9	16	43	15	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F1	160/9	17	03	16	
	160/9	17	16	17	
	160/9	17	20	18	
Track R2	160/9	17	43	19	
	160/9	21	51	22	
	160/9	22	22	23	
	160/9	22	24	24	
	160/9	22	36	25	
	160/9	22	49	26	
	161/9	09	34	1	
	161/9	09	48	2	
	161/9	10	50	3	
Track F3	161/9	11	03	4	
	161/9	11	15	5	
	161/9	11	28	6	Lost picture
	161/9	12	43	7	First part bad
	161/9	15	19	8	No line start
	161/9	15	31	9	
	161/9	15	44	10	
	161/9	15	59	11	
	161/9	20	29	14	
	161/9	20	53	15	
	161/9	20	54	16	
	161/9	21	07	17	
	161/9	21	44	18	
Track R4	161/9	21	56	19	
	161/9	22	09	20	
	161/9	22	22	21	
	161/9	22	35	22	
	161/9	22	48	23	
	162/9	09	31	1	
	162/9	09	46	2	
	162/9	10	44	3	
	162/9	10	57	4	
	162/9	11	10	5	
	162/9	11	23	6	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F5	162/9	12	42	7	No line start
	162/9	15	01	8	
	162/9	15	40	9	
	162/9	15	26	10	
	162/9	15	39	11	
	162/9	15	54	12	
	162/9	16	53	13	
	162/9	17	06	14	
	162/9	17	18	15	
	162/9	17	31	16	
	162/9	17	45	17	
	162/9	20	15	18	
	162/9	20	28	19	
Track R6	162/9	20	43	20	Equip. reset 8 min. into picture
	162/9	20	51	20	
	162/9	21	04	21	
	162/9	21	52	22	
	162/9	21	59	22	
	162/9	22	11	23	
	162/9	22	24	24	
	162/9	22	37	25	
	163/9	09	16	1	
	163/9	09	29	2	
	163/9	09	44	3	
	163/9	10	54	4	
Track F7	163/9	11	07	5	
	163/9	11	19	6	
	163/9	12	51	7	
	163/9	14	26	8	
	163/9	14	39	9	
	163/9	14	52	10	
	163/9	15	04	11	
	163/9	15	17	12	
	163/9	15	30	13	
	163/9	15	45	14	
	163/9	16	00	15	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 12					
Track F1	163/9	16	50	16	
	163/9	17	03	17	
	163/9	17	16	18	
	163/9	17	29	19	
	163/9	17	41	20	
	163/9	17	54	21	
	163/9	18	07	22	
	163/9	18	20	23	
	163/9	18	32	24	
	163/9	18	45	25	
	163/9	18	58	26	
	163/9	19	12	27	
	163/9	19	25	28	
	Track R2	163/9	19	38	29
163/9		19	50	30	
163/9		20	03	31	
163/9		20	16	32	
163/9		20	29	33	
163/9		20	42	34	
163/9		20	57	35	
163/9		21	10	36	
163/9		21	57	37	
163/9		22	10	38	
163/9		22	23	39	
Track F3		163/9	22	36	40
	163/9	22	49	41	
	163/9	23	01	42	
	163/9	23	14	43	
	163/9	23	27	44	
	163/9	23	39	45	
	163/9	23	52	46	
	164/9	00	05	1	
	164/9	00	18	2	
	164/9	00	30	3	
164/9	00	43	4		
164/9	10	07	5		

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	164/9	10	55	6	
	164/9	11	07	7	
	164/9	11	20	8	
	164/9	12	50	9	
	164/9	14	55	10	
	164/9	15	21	11	
	164/9	15	46	12	
	164/9	16	52	13	
	164/9	17	18	14	
Track F5	164/9	20	46	15	
	164/9	21	00	16	
	164/9	21	13	17	
	164/9	21	54	18	
	164/9	22	07	19	No annotation, lost video
	164/9	22	21	20	
	164/9	22	33	21	
	164/9	22	46	22	
	165/9	09	30	1	
	165/9	09	39	2	
	165/9	09	57	3	
	165/9	10	12	4	
Track R6	165/9	10	41	5	
	165/9	10	56	6	
	165/9	11	08	7	
	165/9	11	23	8	
	165/9	12	44	8	
	165/9	15	18	9	
	165/9	15	44	10	
	165/9	16	44	11	
	165/9	17	09	12	
Track F7	165/9	17	35	13	
	165/9	20	10	14	
	165/9	20	22	15	
	165/9	20	35	16	
	165/9	20	48	17	
	165/9	21	03	18	
	165/9	21	15	19	



Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F7	165/9	21 50	20	
	165/9	22 03	21	
	165/9	22 15	22	
	165/9	22 28	23	
	165/9	22 42	24	
Reel 13				
Track F1	166/9	09 15	1	
	166/9	09 28	2	
	166/9	09 40	3	
	166/9	09 54	4	
	166/9	10 09	5	
	166/9	10 50	6	
	166/9	11 03	7	
	166/9	11 15	8	
	166/9	11 28	9	
	166/9	11 41	10	
	166/9	11 56	11	
	166/9	12 42	12	
Track R2	166/9	15 31	13	
	166/9	15 57	14	
	166/9	16 42	15	
	166/9	17 08	16	
	166/9	17 33	17	
	166/9	20 10	18	
	166/9	20 23	19	
	166/9	20 36	20	
Track F3	166/9	20 49	21	
	166/9	21 03	22	
	166/9	21 16	23	Bad annotation at line 955
	166/9	21 44	24	
	166/9	21 57	25	
	166/9	22 10	26	Bad annotation at line 850
	166/9	22 23	27	
	166/9	22 35	28	
	166/9	22 48	29	
	167/9	09 11	1	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F3	167/9	09 24	2	
	167/9	09 37	3	
Track R4	167/9	09 50	4	
	167/9	10 05	5	
	167/9	10 17	6	
	167/9	11 00	7	
	167/9	11 01	8	
	167/9	11 13	9	
	167/9	11 26	10	
	167/9	12 42	11	
	167/9	15 05	12	
Track F5	167/9	15 31	13	
	167/9	15 56	14	
	167/9	16 47	15	
	167/9	17 13	16	
	167/9	20 16	17	
	167/9	20 29	18	
	167/9	20 43	19	
	167/9	20		
Track R6	167/9	21 11	21	
	167/9	21 46	22	
	167/9	21 59	23	
	167/9	22 11	24	
	167/9	22 24	25	
	167/9	22 37	26	
	168/9	09 10	1	
	168/9	09 22	2	
	168/9	09 35	3	
	168/9	09 48	4	
	168/9	10 02	5	
	168/9	10 15	6	
	168/9	10 41	7	
Track F7	168/9	10 54	8	
	168/9	11 06	9	
	168/9	11 19	10	
	168/9	11 32	11	
	168/9	12 43	12	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	168/9	15	01	13	
	168/9	15	27	14	
	168/9	15	52	15	
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Reel 14					
Track F1	168/9	16	43	16	
	168/9	17	09	17	
	168/9	17	34	18	
	168/9	20	10	19	
	168/9	20	23	20	
	168/9	20	35	21	
	168/9	20	48	22	
	168/9	21	03	23	
	168/9	21	16	24	
	168/9	21	40	25	
Track R2	168/9	21	53	26	
	168/9	22	06	27	
	168/9	22	19	28	
	168/9	22	31	29	
	168/9	22	44	30	
	169/9	09	28	1	
	169/9	09	28	2	
	169/9	09	53	3	
	169/9	10	08	4	
	169/9	10	40	5	
	169/9	10	52	6	
	169/9	11	04	7	
	169/9	11	17	8	
Track F3	169/9	12	42	9	
	169/9	15	01	10	
	169/9	15	26	11	
	169/9	15	52	12	
	169/9	16	42	13	
	169/9	17	08	14	
	169/9	17	33	15	
Track R4	169/9	20	07	16	
	169/9	20	20	17	
	169/9	20	32	18	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	169/9	20	59	19	
	169/9	21	00	20	
	169/9	21	46	21	
	169/9	21	58	22	
	169/9	22	11	23	
	169/9	22	24	24	
	169/9	22	36	25	
	169/9	22	49	26	
	170/9	09	11	1	
Track F5	170/9	09	23	2	
	170/9	09	36	3	
	170/9	09	49	4	
	170/9	10	34	5	
	170/9	10	16	6	
	170/9	10	41	7	
	170/9	10	53	8	
	170/9	11	06	9	
	170/9	11	19	10	
	170/9	11	25	11	
Track R6	170/9	12	45	12	No video
	170/9	15	02	13	
	170/9	15	27	14	
	170/9	15	53	15	
	170/9	16	42	16	
Track F7	170/9	17	07	17	
	170/9	17	33	18	
	170/9	20	14	19	
	170/9	20	26	20	
	170/9	20	39	21	
	170/9	20	54	22	
	170/9	21	07	23	
	170/9	21	41	24	
	170/9	21	54	25	
	170/9	22	07	26	
	170/9	22	19	27	
	170/9	22	32	28	
	170/9	22	45	29	Tape ran out at 300 lines

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Reel 15					
Track F1	171/9	09	12	1	
	171/9	09	24	2	
	171/9	09	37	3	
	171/9	09	50	4	
	171/9	10	08	5	
	171/9	10	44	6	
	171/9	11	06	7	
	171/9	11	19	8	
	171/9	12	45	9	
	171/9	15	00	10	
Track R2	171/9	15	45	11	
	171/9	16	40	12	
	171/9	17	05	13	
	171/9	17	31	14	
	171/9	20	17	15	
	171/9	20	29	16	
	171/9	20	42	17	
Track F3	171/9	20	57	18	
	171/9	21	10	19	
	171/9	21	43	20	
	171/9	21	55	21	
	171/9	22	08	22	
	171/9	22	21	23	
	171/9	22	33	24	
	171/9	22	46	25	
	172/9	09	13	1	
	172/9	09	26	2	
	172/9	09	39	3	
	172/9	09	52	4	
Track R4	172/9	10	07	5	
	172/9	10	40	6	
	172/9	10	53	7	
	172/9	11	05	8	
	172/9	11	18	9	
	172/9	12	40	10	
	172/9	15	04	11	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	172/9	15	29	12	
	172/9	16	55	13	
Track F5	172/9	16	44	14	
	172/9	17	10	15	
	172/9	17	35	16	
	172/9	20	17	17	
	172/9	20	30	18	
	172/9	20	43	19	
	172/9	20	58	20	
	172/9	21	10	21	
	172/9	21	59	22	
	172/9	22	12	23	
Track R6	172/9	22	24	24	
	172/9	22	37	25	
	173/9	09	19	1	
	173/9	09	32	2	
	173/9	09	44	3	
	173/9	09	59	4	
	173/9	10	12	5	
	173/9	10	43	6	
	173/9	10	56	7	
	173/9	11	09	8	
	173/9	11	22	9	
	173/9	12	40	10	
	173/9	15	17	11	
Track F7	173/9	15	43	12	
	173/9	16	08	13	
	173/9	16	40	14	
	173/9	17	05	14B	
	173/9	17	31	15	
	173/9	20	13	16	
	173/9	20	25	17	
	173/9	20	38	18	
	173/9	20	53	19	
	173/9	21	05	20	



Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F1	173/9	21 56	21	Tape ran out, new tape started on picture 22
	173/9	22 09	22	
	173/9	22 22	23	
	173/9	22 35	24	
	173/9	22 47	25	
	174/9	09 10	1	
	174/9	09 23	2	
	174/9	09 36	3	
	174/9	09 48	4	
	174/9	10 03	5	
	174/9	10 16	6	
Reel 16				
Track F1	174/9	10 40	7	
	174/9	10 53	8	
	174/9	11 06	9	
Track R2	174/9	11 19	10	
	174/9	12 48	11	
	174/9	15 03	12	
	174/9	15 28	13	
	174/9	15 54	14	
	174/9	16 41	15	
	174/9	17 06	16	
	174/9	17 32	17	
Track F3	174/9	20 05	18	
	174/9	20 18	19	
	174/9	20 30	20	
	174/9	20 43	21	
	174/9	20 58	22	
	174/9	21 11	23	
	174/9	21 39	24	
	174/9	21 52	25	
	174/9	22 05	26	
	174/9	22 17	27	
	174/9	22 30	28	
	174/9	22 43	29	
	175/9	09 25	1	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	175/9	09	40	2	
	175/9	09	53	3	
	175/9	10	08	4	
	175/9	10	40	5	
	175/9	10	52	6	
	175/9	11	05	7	
	175/9	11	19	8	
	175/9	12	40	9	
	175/9	15	06	10	
	175/9	15	47	11	
Track F5	175/9	16	43	12	
	175/9	17	08	13	
	175/9	17	34	14	
	175/9	20	29	15	
	176/9	09	11	1	
	176/9	09	23	2	
	176/9	09	36	3	
	176/9	09	49	4	
	176/9	10	04	5	
	176/9	10	18	6	
Track R6	176/9	10	44	7	Bad start
	176/9	10	57	8	
	176/9	11	10	9	
	176/9	11	25	10	
	176/9	14	45	11	
	176/9	16	45	12	
	176/9	16	58	13	
	176/9	17	11	14	
	176/9	17	24	15	
Track F7	176/9	17	37	16	
	176/9	17	49	17	
	176/9	18	02	18	
	176/9	18	15	19	
	176/9	18	42	20	
	176/9	18	54	21	
	176/9	19	07	22	
	176/9	19	20	23	
	176/9	19	33	24	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	176/9	19	45	25	
	176/9	19	58	26	
	176/9	20	11	27	
	176/9	20	23	28	
	176/9	20	36	29	
	176/9	20	49	30	Out of tape, line 750
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Reel 17					
Track F1	176/9	21	45	31	
	176/9	21	58	32	
	176/9	22	10	33	
	176/9	22	23	34	
	176/9	22	39	35	
	176/9	22	52	36	
	176/9	23	05	37	
	176/9	23	17	38	
	176/9	23	30	39	
	176/9	23	43	40	
	177/9	09	17	1	
	177/9	09	29	2	
	177/9	09	42	3	
Track R2	177/9	09	57	4	
	177/9	10	40	5	
	177/9	10	52	6	
	177/9	11	05	7	
	177/9	11	18	8	
	177/9	12	49	9	
	177/9	15	01	10	
	177/9	15	26	11	
	177/9	15	52	12	
Track F3	177/9	16	53	13	No video till line 200 Restart
	177/9	17	19	14	
	177/9	20	11	15	
	177/9	20	23	16	
	177/9	20	36	17	
	177/9	20	51	18	
	177/9	21	41	19	
	177/9	21	54	20	
	177/9	22	07	21	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	177/9	22	19	22	
	177/9	22	33	23	
	177/9	22	46	24	
	178/9	09	17	1	
	178/9	09	30	2	
	178/9	09	42	3	
	178/9	09	57	4	
	178/9	10	10	5	
	178/9	12	42	6	
	178/9	15	01	7	
	178/9	15	13	8	
	178/9	15	26	9	
	178/9	15	39	10	
Track F5	178/9	15	51	11	
	178/9	16	06	12	
	178/9	16	41	13	
	178/9	16	53	14	
	178/9	17	06	15	
	178/9	17	19	16	
	178/9	17	31	17	
	178/9	17	44	18	
	178/9	17	57	19	
	178/9	18	10	20	
	178/9	18	22	21	
	178/9	18	35	22	
	178/9	18	47	23	
	178/9	19	00	24	
	178/9	19	13	25	Ran out of tape
Track R6	178/9	19	25	26	
	178/9	19	38	27	
	178/9	19	51	28	
	178/9	20	04	29	
	178/9	20	16	30	
	178/9	20	29	31	
	178/9	20	42	32	
	178/9	21	43	33	
	178/9	21	57	34	
	178/9	22	10	35	
	178/9	22	23	36	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track R6	178/9	22	35	37	
	178/9	22	48	38	
Track F7	178/9	23	01	39	
	178/9	23	13	40	
	178/9	23	26	41	
	178/9	23	39	42	
	179/9	09	22	1	
	179/9	09	34	2	
	179/9	09	47	3	
	179/9	10	01	4	
	179/9	10	14	5	
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Reel 18					
Track F1	179/9	10	44	6	
	179/9	10	56	7	
	179/9	11	09	8	
	179/9	11	22	9	
	179/9	12	43	10	
	179/9	15	00	11	
	179/9	15	26	12	
	179/9	15	51	13	
	179/9	16	42	14	
Track R2	179/9	17	24	15	Reset halfway through
	179/9	20	08	16	
	179/9	20	20	17	
	179/9	20	33	18	
	179/9	20	48	19	
	179/9	21	01	20	
	179/9	21	42	21	
	179/9	21	55	22	
	179/9	22	07	23	
	179/9	22	20	24	
	179/9	22	33	25	
	179/9	22	46	26	
Track F3	180/9	09	50	1	
	180/9	10	05	2	
	180/9	10	17	3	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F3	180/9	10	42	4	
	180/9	10	54	5	
	180/9	11	07	6	
	180/9	11	20	7	
	180/9	12	45	8	
	180/9	15	01	9	
	180/9	15	26	10	
Track R4	180/9	15	51	11	
	180/9	16	42	12	
	180/9	17	08	13	
	180/9	17	33	14	
	180/9	20	03	15	
	180/9	20	15	16	
	180/9	20	28	17	
	180/9	20	41	18	
	180/9	20	55	19	
Track F5	180/9	21	41	20	
	180/9	21	54	21	
	180/9	22	07	22	
	180/9	22	19	23	
	180/9	22	32	24	
	180/9	22	45	25	
	181/9	09	05	1	
	181/9	09	18	2	
	181/9	09	30	3	
	181/9	09	43	4	
	181/9	09	58	5	
	181/9	10	11	6	
	181/9	10	45	7	
Track R6	181/9	10	58	8	
	181/9	11	10	9	
	181/9	11	23	10	
	181/9	12	42	11	
	181/9	15	01	12	
	181/9	15	26	13	
	181/9	16	01	14	
	181/9	16	41	15	



Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	181/9	17	06	16	
	181/9	17	32	17	
	181/9	20	21	18	
	181/9	20	34	19	
	181/9	20	53	20	
	181/9	21	43	21	
	181/9	21	55	22	
	181/9	22	08	23	
	181/9	22	21	24	
	181/9	22	34	25	
	181/9	22	46	26	
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Reel 19					
Track F1	182/9	09	09	1	
	182/9	09	22	2	
	182/9	09	35	3	
	182/9	09	47	4	
	182/9	10	02	5	
	182/9	10	15	6	
	182/9	10	43	7	
	182/9	10	55	8	
	182/9	11	08	9	
	182/9	11	21	10	
	182/9	12	41	11	
	182/9	12	54	12	
	182/9	13	19	13	Lost video, restart
	182/9	13	34	13	
Track R2	182/9	13	27	14	Lost lock line 1800
	182/9	14	54	15	
	182/9	15	19	16	
	182/9	15	45	17	
	182/9	16	46	18	
	182/9	17	12	19	
	182/9	17	37	20	
Track F3	183/9	09	19	1	
	183/9	09	32	2	
	183/9	09	45	3	
	183/9	10	00	4	
	183/9	10	13	5	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F3	183/9	10	43	6	
	183/9	10	56	7	
	183/9	11	09	8	
	183/9	11	22	9	
	183/9	12	41	10	
	183/9	15	06	11	Discontinued line 1700
	183/9	15	31	12	Discontinued line 1700
Track R4	183/9	16	00	13	
	183/9	16	48	14	
	183/9	17	14	15	
	183/9	17	39	16	
	183/9	20	12	17	
	183/9	20	24	18	
	183/9	20	37	19	
	183/9	20	50	20	
Track F5	183/9	21	05	21	
	183/9	21	41	22	
	183/9	21	54	23	
	183/9	22	05	24	
	183/9	22	19	25	
	183/9	22	32	26	
	183/9	22	45	27	
	184/9	09	37	1	
	184/9	09	50	2	
	184/9	10	05	3	
	184/9	10	18	4	
	184/9	10	43	5	
	184/9	10	50	6	
Track R6	184/9	11	09	7	
	184/9	11	21	8	
	184/9	12	41	9	
	184/9	15	27	10	
	184/9	16	18	11	
	184/9	16	43	12	
	184/9	17	09	13	
	184/9	17	34	14	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	184/9	20	20	15	
	184/9	20	21	16	
	184/9	20	45	17	
	184/9	20	59	18	
	184/9	21	14	19	
	184/9	21	50	20	
	184/9	22	04	21	
	184/9	22	05	22	
	184/9	22	17	23	
	184/9	22	30	24	
	184/9	22	43	25	
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Reel 20					
Track F1	185/9	09	23	1	
	185/9	09	35	2	
	185/9	09	48	3	
	185/9	10	01	4	
	185/9	10	14	5	
	185/9	10	27	6	
	185/9	10	40	7	
	185/9	10	54	8	
	185/9	11	07	9	
	185/9	12	41	10	
	185/9	15	08	11	
	185/9	15	33	12	Ran out of tape
Track R2	185/9	15	59	13	
	185/9	16	41	14	
	185/9	17	07	15	
	185/9	17	32	16	
	185/9	20	08	17	
	185/9	20	21	18	
	185/9	20	34	19	
	185/9	20	47	20	
	185/9	21	40	21	
Track F3	185/9	21	53	22	
	185/9	22	06	23	
	185/9	22	19	24	
	185/9	22	31	25	
	185/9	22	44	26	
	186/9	09	21	1	
	186/9	09	34	2	
	186/9	09	46	3	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F3	186/9	09	59	4	
	186/9	10	12	5	
	186/9	10	25	6	
	186/9	10	38	7	
Track R4	186/9	10	53	8	
	186/9	11	05	9	
	186/9	12	44	10	
	186/9	14	58	11	
	186/9	15	24	12	
	186/9	15	49	13	
	186/9	16	42	14	
	186/9	17	08	15	
Track F5	186/9	17	34	16	
	186/9	20	09	17	
	186/9	20	21	18	
	186/9	20	35	19	
	186/9	20	49	20	
	186/9	21	04	21	
	186/9	21	42	22	
	186/9	21	55	23	
	186/9	22	09	24	
	186/9	22	22	25	
	186/9	22	35	26	
	186/9	22	47	27	
Track R6	187/9	09	19	1	
	187/9	09	31	2	
	187/9	09	44	3	
	187/9	09	57	4	
	187/9	10	10	5	
	187/9	10	22	6	
	187/9	10	35	7	
	187/9	10	50	8	
	187/9	11	03	9	
	187/9	12	41	10	
	187/9	14	59	11	
	187/9	15	25	12	
	187/9	15	51	13	
	187/9	16	42	14	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track R6	187/9	17 07	15	
	187/9	17 33	16	
Reel 21				
Track F1	187/9	20 10	17	
	187/9	20 22	18	
	187/9	20 35	19	
	187/9	20 48	20	
	187/9	21 03	21	
	187/9	21 41	22	
	187/9	21 54	23	
	187/9	22 06	24	
	187/9	22 19	25	
	187/9	22 32	26	
	187/9	22 44	27	
	188/9	09 33	1	
	188/9	09 46	2	
Track R2	188/9	09 58	3	
	188/9	10 11	4	
	188/9	10 24	5	
	188/9	10 37	6	
	188/9	10 51	7	
	188/9	11 04	8	
	188/9	12 43	9	
	188/9	15 59	10	
	188/9	15 25	11	
	188/9	15 50	12	Ran out of tape
Track F3	188/9	16 42	13	
	188/9	17 07	14	
	188/9	17 33	15	
	188/9	20 02	16	
	188/9	20 14	17	
	188/9	20 27	18	
	188/9	20 40	19	
	188/9	20 33	20	
	188/9	21 07	21	
	188/9	21 40	22	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	188/9	21	53	23	
	188/9	22	05	24	
	188/9	22	18	25	
	188/9	22	31	26	
	189/9	15	08	1	
	189/9	15	34	2	
	189/9	15	59	3	
	189/9	16	44	4	
Track F5	189/9	17	11	5	
	189/9	17	35	6	
	189/9	20	10	7	
	189/9	20	23	8	
	189/9	20	35	9	
	189/9	20	48	10	
	189/9	21	03	11	
	189/9	21	16	12	
	189/9	21	37	13	Started line 13
	189/9	22	45	14	
Track R6	191/9	09	18	1	
	191/9	09	31	2	
	191/9	09	44	3	
	191/9	09	56	4	
	191/9	10	09	5	
	191/9	10	22	6	
	191/9	10	35	7	
	191/9	10	47	8	
	191/9	11	00	9	
	191/9	11	13	10	
	191/9	11	26	11	
	191/9	11	39	12	
	191/9	12	04	13	
	191/9	12	30	14	
	191/9	12	55	15	
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Reel 22					
Track F1	191/9	19	06	16	
	191/9	19	19	17	
	191/9	19	32	18	



Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F1	191/9	19	45	19	
	191/9	19	56	20	
	191/9	20	10	21	
	191/9	20	23	22	
	191/9	20	36	23	
	191/9	20	49	24	
	191/9	21	24	25	
	191/9	21	15	26	
	191/9	21	28	27	
	191/9	21	41	28	
Track R2	191/9	21	54	29	
	191/9	22	07	30	
	191/9	22	19	31	
	191/9	22	32	32	
	191/9	22	46	33	
	192/9	09	10	1	
	192/9	09	23	2	
	192/9	09	35	3	
	192/9	09	48	4	
	192/9	10	01	5	
	192/9	10	14	6	
Track F3	192/9	10	27	7	
	192/9	10	39	8	
	192/9	10	52	9	
	192/9	11	05	10	
	192/9	11	18	11	
	192/9	11	31	12	
	192/9	11	43	13	
	192/9	13	36	14	
	192/9	13	49	15	
	192/9	14	01	16	
	192/9	14	14	17	
	192/9	14	17	18	
Track R4	192/9	14	40	19	
	192/9	14	52	20	
	192/9	15	05	21	
	192/9	15	10	22	
	192/9	15	31	23	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R4	192/9	15	43	24	
	192/9	15	50	25	
	192/9	16	09	26	
	192/9	16	22	27	
	192/9	16	35	28	
	192/9	16	47	29	
	192/9	17	00	30	
	192/9	17	26	31	
Track F5	192/9	17	51	32	
	192/9	18	17	33	
	192/9	18	43	34	
	192/9	19	08	35	
	192/9	19	31	36	
	192/9	19	34	37	
	192/9	19	47	38	
	192/9	19	59	39	
	192/9	20	12	40	
	192/9	20	25	41	
Track R6	192/9	20	38	42	
	192/9	20	51	43	
	192/9	21	04	44	
	192/9	21	16	45	
	192/9	21	29	46	
	192/9	21	42	47	
	192/9	21	59	48	
	192/9	22	11	49	
	192/9	22	24	50	
	192/9	22	37	51	
	193/9	09	06	1	
Track F7	193/9	09	19	2	
	193/9	09	31	3	
	193/9	09	24	4	
	193/9	09	57	5	
	193/9	10	10	6	
	193/9	10	23	7	
	193/9	10	35	8	
	193/9	10	48	9	
	193/9	11	01	10	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F7	193/9	11	14	11	
	193/9	11	27	12	
	193/9	11	39	13	
Reel 23					
Track F1	193/9	12	21	15	Picture no good
	193/9	12	34	16	Picture no good
	193/9	12	47	17	
	193/9	13	00	18	
	193/9	13	13	19	
	193/9	13	25	20	
	193/9	13	38	21	
	193/9	13	51	22	
	193/9	14	04	23	
	193/9	14	17	24	
	193/9	14	30	25	
	193/9	14	42	26	
	193/9	14	55	27	
	193/9	15	08	28	
Track R2	193/9	15	21	29	
	193/9	15	34	30	Short approx. 1000 lines
	193/9	15	46	31	
	193/9	16	23	32	
	193/9	16	36	33	
	193/9	16	49	34	
	193/9	17	01	35	
	193/9	17	27	36	
	193/9	17	53	37	
	193/9	18	18	38	
Track F3	193/9	18	44	39	
	193/9	19	10	40	
	193/9	19	22	41	
	193/9	19	35	42	
	193/9	19	48	43	
	193/9	20	01	44	
	193/9	20	14	45	
	193/9	20	27	46	
	193/9	20	40	47	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F3	193/9	20	53	48	
	193/9	21	06	49	
	193/9	21	19	50	
Track R4	193/9	21	31	51	
	193/9	21	44	52	
	193/9	21	51	53	
	193/9	22	10	54	
	193/9	22	23	55	
	193/9	22	35	56	
	194/9	09	41	1	
	194/9	09	54	2	
	194/9	10	06	3	
	194/9	10	19	4	
	194/9	10	32	5	
	194/9	10	45	6	
Track F5	194/9	10	58	7	
	194/9	11	10	8	
	194/9	11	23	9	
	194/9	11	36	10	
	194/9	11	49	11	
	194/9	12	02	12	
	194/9	12	16	13	
	194/9	12	29	14	
	194/9	12	42	15	
	194/9	12	54	16	
	194/9	13	07	17	
	194/9	13	20	18	
				19	Not recorded
Track R6	194/9	13	45	20	
	194/9	13	58	21	
	194/9	14	11	22	
	194/9	14	24	23	
	194/9	14	36	24	
	194/9	14	49	25	
	194/9	15	02	26	
	194/9	15	15	27	
	194/9	15	28	28	
	194/9	15	41	29	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track R6	194/9	15	54	30	
	194/9	16	07	31	
	194/9	16	19	32	
	194/9	16	32	33	
Track F7	194/9	16	45	34	
	194/9	16	58	35	
	194/9	17	23	36	
	194/9	17	49	37	
	194/9	18	15	38	
	194/9	18	40	39	
	194/9	19	06	40	
	194/9	19	19	41	
	194/9	19	31	42	
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Reel 24					
Track F1	196/9			15	Not recorded
	196/9	12	53	16	
	196/9	13	06	17	
	196/9	13	18	18	
	196/9	13	31	19	
	196/9	13	44	20	
	196/9	13	57	21	
	196/9	14	10	22	
	196/9	14	23	23	
	196/9	14	36	24	
	196/9	14	49	25	
	196/9	15	02	26	
	196/9	15	14	27	
	196/9	15	27	28	
	196/9	15	40	29	
Track R2	196/9	15	53	30	
	196/9	16	05	31	
	196/9	16	18	32	
	196/9	16	31	33	
	196/9	16	44	34	
	196/9	16	57	35	
	196/9	17	22	36	
	196/9	17	48	37	
	196/9	18	14	38	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track F3	196/9	18	39	39	
	196/9	19	05	40	
	196/9	19	18	41	
	196/9	20	22	42	
	196/9	20	35	43	
	196/9	20	48	44	
	196/9	21	02	45	
	196/9	21	15	46	
	196/9	21	28	47	
	196/9	21	41	48	
	196/9	21	53	49	
	196/9	22	06	50	
Track R4	196/9	22	19	51	
	196/9	22	32	52	
	196/9	22	45	53	
	197/9	20	29	1	
	197/9	20	42	2	
	197/9	20	55	3	
	197/9	21	07	4	
	197/9	21	20	5	
	197/9	21	33	6	
	197/9	21	46	7	
	197/9	21	52	8	
Track F5	197/9	22	11	9	
	197/9	22	24	10	
	197/9	22	37	11	
	197/9	22	49	12	
	198/9	09	59	1	
	198/9	10	12	2	
	198/9	10	25	3	
	198/9	10	37	4	
	198/9	10	50	5	
	198/9	11	03	6	
	198/9	11	15	7	
	198/9	11	28	8	
Track R6	198/9	11	41	9	
	198/9	11	54	10	
	198/9	12	07	11	



Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track R6	198/9	12	22	12	
	198/9	12	35	13	
	198/9	12	48	14	
	198/9	13	01	15	
	198/9	13	13	16	
	198/9	13	26	17	
	198/9	13	39	18	
	198/9	13	53	19	
	198/9	14	05	20	
	198/9	14	17	21	
Track F7	198/9	14	30	22	
	198/9	14	43	23	
	198/9	19	01	24	
	198/9	19	14	25	
	198/9	19	26	26	
	198/9	19	39	27	
	198/9	19	52	28	
	198/9	20	05	29	
	198/9	20	17	30	
	198/9	20	30	31	
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Reel 25					
Track F1	198/9	20	56	33	
	198/9	21	08	34	
	198/9	21	21	35	
	198/9	21	34	36	
	198/9	21	47	37	
	199/9	10	08	1	
	199/9	10	21	2	
	199/9	10	34	3	
	199/9	10	47	4	
	199/9	11	00	5	
	199/9	11	12	6	
	199/9	11	25	7	
	199/9	11	38	8	
	199/9	12	51	9	
Track R2	199/9	12	34	10	
	199/9	12	47	11	
	199/9	13	00	12	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track R2	199/9	13 13	13	
	199/9	13 25	14	
	199/9	13 38	15	
	199/9	13 51	16	
	199/9	14 04	17	
	199/9	14 18	18	
	199/9	14 31	19	
	199/9	14 43	20	
	199/9	14 56	21	
	199/9	15 09	22	
Track F3	199/9	18 18	23	
	199/9	18 35	24	
	199/9	19 01	25	
	199/9	19 14	26	
	199/9	19 26	27	
	199/9	19 39	28	
	199/9	19 52	29	
	199/9	20 05	30	
	199/9	20 18	31	
	199/9	20 30	32	
Track R4	199/9	20 43	33	
	199/9	20 56	34	
	200/9	04 17	1	
	200/9	04 18	2	
	200/9		3	
	200/9	22 30	3	
	200/9	22 43	4	
	201/9	09 50	1	
	201/9	10 20	2	
	201/9	10 32	3	
	201/9	10 45	4	
	201/9	10 58	5	
Track F5	201/9	11 11	6	
	201/9	11 24	7	
	201/9	11 38	8	
	201/9	12 17	9	
	201/9	12 29	10	
	201/9	12 47	11	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F5	201/9	12	55	12	
	201/9	13	08	13	
	201/9	13	21	14	
	201/9	13	03	15	
	201/9	13	47	16	
	201/9	14	00	17	
	201/9	14	12	18	
Track R6	201/9	14	25	19	
	201/9	14	38	20	
	201/9	14	51	21	
	201/9	15	03	22	
	201/9	15	16	23	
	201/9	15	29	24	
	201/9	15	42	25	
	201/9	15	54	26	
	201/9	16	07	27	
	201/9	16	20	28	
	201/9	16	33	29	
	201/9	21	02	30	
Track F7	201/9	21	15	31	
	201/9	21	27	32	
	201/9	21	40	33	
	201/9	21	52	34	
	201/9	22	06	35	
	201/9	22	18	36	
	201/9	22	31	37	
	201/9	22	44	38	
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Reel 26					
Track F1	202/9	08	59	1	
	202/9	09	12	2	
	202/9	09	25	3	
	202/9	09	38	4	
	202/9	09	51	5	
	202/9	10	04	6	
	202/9	10	16	7	
	202/9	10	29	8	
	202/9	10	42	9	
	202/9	10	55	10	

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track F1	202/9	11	08	11	
	202/9	11	20	12	
	202/9	11	33	13	
	202/9	11	46	14	
Track R2	202/9	12	18	15	
	202/9	12	31	16	
	202/9	12	43	17	
	202/9	12	55	18	
	202/9	13	08	19	
	202/9	13	21	20	
	202/9	13	33	21	
	202/9	13	46	22	
	202/9	13	59	23	
	202/9	14	12	24	
	202/9	14	25	25	
Track F3	203/9	09	40	1	
	203/9	09	53	2	
	203/9	10	06	3	
	203/9	10	19	4	
	203/9	10	31	5	
	203/9	10	44	6	
	203/9	10	57	7	
	203/9	11	10	8	
	203/9	11	23	9	
	203/9	11	35	10	
	203/9	11	48	11	
	203/9	12	00	12	
	203/9	12	33	13	
Track R4	203/9	12	45	14	
	203/9	12	58	15	
	203/9	13	21	16	
	203/9	13	37	17	
	203/9	13	50	18	
	203/9	14	02	19	
	203/9	14	15	20	
	203/9	14	41	21	
	203/9	14	54	22	
	203/9	15	06	23	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F5	203/9	15	18	24	
	203/9	15	32	25	
	203/9	15	45	26	
	203/9	15	50	27	
	203/9	16	11	28	
	203/9	16	25	29	
	203/9	16	38	30	
	204/9	04	04	1	
	204/9	04	21	2	Abort
	204/9	04	37	2	Abort
	204/9	04	47	2	
	204/9	05	00	3	
Track R6	204/9	05	26	4	
	204/9	05	45	5	
	204/9	06	06	6	
	204/9	09	11	7	
	204/9	09	24	8	
	204/9	09	43	9	
	204/9	09	55	10	
	204/9	10	08	11	
	204/9	10	21	12	
	204/9	10	34	13	
	204/9	10	47	14	
	204/9	10	59	15	
Track F7	204/9	11	12	16	
	204/9	11	25	17	
	204/9	11	38	18	
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Reel 27					
Track F1	204/9	12	17	19	
	204/9	12	29	20	
	204/9	12	42	21	
	204/9	12	53	22	
	204/9	13	08	23	
	204/9	13	22	24	
	204/9	13	34	25	
	204/9	13	47	26	
	204/9	14	00	27	
	204/9	14	13	28	

Reel & Track No.	Day	GM Time		Sequence No.	Remarks
		Hr.	Min.		
Track F1	204/9	14	26	29	
	204/9	14	39	30	
	204/9	14	51	31	
	204/9	15	05	32	
Track R2	204/9	15	18	33	
	204/9	15	32	34	
	204/9	15	45	35	
	204/9	15	57	36	
	204/9	16	12	37	
	204/9	16	24	38	
	204/9	16	37	39	
	204/9	16	50	40	
	204/9	17	03	41	
	205/9	09	30	1	
	205/9	09	43	2	
	205/9	09	56	3	
	205/9	10	09	4	
Track F3	205/9	10	22	5	
	205/9	10	35	6	
	205/9	10	47	7	
	205/9	11	00	8	
	205/9	11	13	9	
	205/9	11	30	10	
	205/9	11	43	11	
	205/9	12	15	12	
	205/9	12	35	14	
	205/9	12	48	15	
	205/9	13	01	16	
	205/9	13	13	17	
	205/9	13	26	18	
Track R4	205/9	13	39	19	
	205/9	13	52	20	
	205/9	14	05	21	
	205/9	14	17	22	
	205/9	14	29	23	
	205/9	14	41	24	
	205/9	14	54	25	
	205/9	15	07	26	



Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track R4	205/9	15 20	27	
	205/9	19 03	28	
	205/9	19 15	29	
	205/9	19 29	30	
	205/9	19 42	31	
Track F5	205/9	19 54	32	
	205/9	20 07	33	
	205/9	20 20	34	
	205/9	20 33	35	
	205/9	22 11	36	
	205/9	22 24	37	
	205/9	22 36	38	
	205/9	22 50	39	
	207/9	10 00	1	
	207/9	10 13	2	
Track R6	207/9	10 26	3	
	207/9	10 38	4	
	207/9	10 51	5	
	207/9	11 04	6	
	207/9	11 17	7	
	207/9	11 29	8	
	207/9	11 42	9	
	207/9	12 21	10	
	207/9	12 34	11	
	207/9	12 47	12	
	207/9	13 00	13	
Track F7	207/9	13 13	14	
	207/9	13 25	15	
	207/9	13 38	16	
	207/9	13 51	17	
	207/9	14 04	18	
	207/9	14 17	19	
	207/9	14 30	20	
	207/9	14 42	21	
	207/9	14 55	22	
	207/9	15 08	23	
	207/9	15 21	24	
	207/9	15 34	25	No good

Reel & Track No.	Day	GM Time Hr. Min.		Sequence No.	Remarks
Track F7	207/9			26	
	207/9	16	01	27	
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Reel 28					
Track F1	207/9	18	14	29	
	207/9	18	40	30	
	207/9	19	05	31	
	207/9	19	18	32	
	207/9	19	31	33	
	207/9	19	44	34	
	207/9	19	57	35	
	207/9	20	09	36	
	207/9	20	22	37	
	207/9	20	35	38	
	207/9	20	47	39	
	207/9	21	00	40	
Track R2	207/9	21	13	41	
	207/9	21	27	42	
	207/9	21	40	43	
	207/9	21	53	44	
	207/9	22	06	45	
	207/9	22	19	46	
	207/9	22	31	47	
	207/9	22	44	48	
	208/9	10	04	1	
	208/9	10	17	2	
	208/9	10	29	3	
Track F3	208/9	10	42	4	
	208/9	10	55	5	
	208/9	11	08	6	
	208/9	11	21	7	
	208/9	11	33	8	
	208/9	11	46	9	
	208/9	12	36	10	
	208/9	12	49	11	
	208/9	13	02	12	
	208/9	13	15	13	
	208/9	13	28	14	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track R4	208/9	13 40	15	
	208/9	13 53	16	
	208/9	14 06	17	
	208/9	14 19	18	
	208/9	14 42	19	
	208/9	14 55	20	
	208/9	15 07	21	
	208/9	15 20	22	
	208/9	15 33	23	
	208/9	15 46	24	
	208/9	15 59	25	
	208/9	16 11	26	
	208/9	16 24	27	
	208/9	16 37	28	Ran out of tape
Track F5	208/9	17 16	29	
	208/9	17 41	30	
	208/9	18 07	31	
	208/9	18 38	32	
	208/9	19 04	33	
	208/9	19 17	34	
	208/9	19 30	35	
Track R6	208/9	19 42	36	
	208/9	19 55	37	
	208/9	20 08	38	
	208/9	20 21	39	
	208/9	20 34	40	
	208/9	20 46	41	
	208/9	20 59	42	
	208/9	21 12	43	
	208/9	21 25	44	
	208/9	21 38	45	
	208/9	21 51	46	
	208/9	22 00	47	
	208/9	22 16	48	
Track F7	208/9	22 29	49	
	208/9	22 41	50	
	209/9	09 12	1	
	209/9	09 25	2	

Reel & Track No.	Day	GM Time Hr. Min.	Sequence No.	Remarks
Track F7	209/9	09 38	3	
	209/9	09 50	4	
	209/9	10 03	5	
	209/9	10 16	6	
	209/9	10 28	7	
	209/9	10 41	8	
	209/9	10 54	9	
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Reel 29				
Track F1	209/9			Tape change
	209/9	11 20	11	
	209/9	11 33	12	
	209/9	11 54	13	
	209/9	12 32	14	
	209/9	12 45	15	
	209/9	12 58	16	
	209/9	13 10	17	
	209/9	13 23	18	
	209/9	13 36	19	
	209/9	13 49	20	
	209/9	14 02	21	
	209/9	14 14	22	
	209/9	14 32	23	
Track R2	209/9	14 45	24	
	209/9	14 50	25	
	209/9	15 11	26	
	209/9	15 24	27	
	209/9	15 37	28	
	209/9	15 49	29	
	209/9	16 02	30	
	209/9	16 15	31	
	209/9	16 28	32	
	209/9	16 41	33	
Track F3	209/9	17 19	34	
	209/9	17 45	35	
	209/9	18 10	36	
	209/9	18 36	37	
	209/9	19 14	38	
	209/9	19 27	39	
	209/9	19 40	40	